OLYMPUS®

CAMEDIA

DIGITAL CAMERA
C-725 Ultra Zoom

REFERENCE MANUAL

\<Click Here\>

CAMERA OPERATION MANUAL

Explanation of digital camera functions and operating instructions.
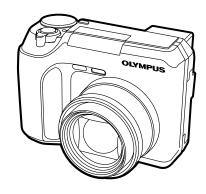
DIGITAL CAMERA - PC CONNECTION OPERATION MANUAL

Explanation of how to download images between your digital camera and PC.

OLYMPUS®

CAMEDIA
DIGITAL CAMERA

C-725 Ultra Zoom

REFERENCE MANUAL

- Thank you for purchasing an Olympus digital camera. Before you start to use your new camera, please read these instructions carefully to enjoy optimum performance and a longer service life. Keep this manual in a safe place for future reference.
- We recommend that you take test shots to get accustomed to your camera before taking important photographs.
- The images and illustrations in this manual may differ from their real versions.

For customers in North and South America

For customers in USA

Declaration of Conformity
Model Number   : C-725 Ultra Zoom
Trade Name   : OLYMPUS
Responsible Party : Olympus America Inc.
Address   : 2 Corporate Center Drive, Melville, New York
                   11747-3157 U.S.A.
Telephone Number : 631-844-5000

Tested To Comply With FCC Standards
FOR HOME OR OFFICE USE

This device complies with Part 15 of the FCC rules. Operation is subject
to the following two conditions:
(1) This device may not cause harmful interference.
(2) This device must accept any interference received, including
    interference that may cause undesired operation.

For customers in Canada

This Class B digital apparatus meets all requirements of the Canadian
Interference-Causing Equipment Regulations.

For customers in Europe

"CE" mark indicates that this product complies with the European
requirements for safety, health, environment and customer protection.
"CE" mark cameras are intended for sales in Europe.

Trademarks
• IBM is a registered trademark of International Business Machines Corporation.
• Microsoft and Windows are registered trademarks of Microsoft Corporation.
• Macintosh is a trademark of Apple Computer Inc.
• All other company and product names are registered trademarks and/or trademarks of
  their respective owners.
• The standards for camera file systems referred to in this manual are the "Design Rule for
  Camera File System/DCF" standards stipulated by the Japan Electronics and Information
  Technology Industries Association (JEITA).

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Camera

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Flash (P. 63)

Self-timer lamp (P. 71)

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Lens

Card cover (P. 25)

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LR6X4 or CR-V3X2

Tripod socket

Battery compartment cover (P. 21)

Viewfinder/Monitor indications — Shooting information

The INFO setting on the menu allows you to select how much information to display. ☞ Information display (P. 114)

The indications vary depending on the shooting mode.*

When INFO is set to OFF: The information below is displayed constantly in the shooting mode. (After closing the menu, the information which appears in the ON mode (illustrated to the right) is displayed for approx. 3 seconds, then disappears.)

When INFO is set to ON: The information below is displayed constantly in the shooting mode.

*The illustrations show examples of indications displayed in the P mode.

Items	Indications	Ref. page
❶ Shooting mode	AUTO , P, A, S, M, My , , ,	P. 45
❷ Aperture value	F2.8 – F7.1	P. 48, 50
❸ Shutter speed	8 – 1/1000	P. 49, 50
❹ Exposure compensation **Exposure differential**	−2.0 – +2.0 −3.0 – +3.0	P. 85 P. 50
❺ AF target mark	[ ]	P. 51
❻ Number of storable **still pictures** **Seconds remaining**	24 24"	P. 33, 55, 80 P. 34, 80

Names of parts

Items	Indications	Ref. page
❼ Record mode	TIFF, SHQ, HQ, SQ1, SQ2	P. 79
❽ Memory gauge	▮→▮→▯→▯	P. 16
❾ Battery check	▣ ⟶ ▢	P. 16
❿ AE lock	AEL	P. 67
⓫ Drive mode	▢ , AF▢ , ⟲ , BKT	P. 72
⓬ White balance	☼ , ☁ , ☀ , 🗲	P. 86
⓭ ISO	ISO100, ISO200, ISO400	P. 83
⓮ Green lamp	O	P. 33
⓯ Flash stand-by **Camera movement** **warning** **Flash charge**	🗲 Lights. 🗲 Blinks. 🗲 Blinks.	P. 64
⓰ Flash mode	🚫🗲 , ◉ , 🗲 , 🌙🗲 , 🌙◉	P. 61
⓱ Spot metering/ **Macro mode**	▣ , 🌷 , ▣🌷	P. 66, 69

Viewfinder/Monitor indications
— Playback information

INFO setting on the menu allows you to select how much information to display. ☞ Information display (P. 114)

Still picture playback information

When INFO is set to OFF

When INFO is set to ON

Items	Indications	Ref. page
❶ Battery check	▭▱ ⟶ ▭	P. 16
❷ Print reserve	凸	P. 123
❸ Number of prints	x2 – x10	P. 124
❹ Protect	🔒	P. 100
❺ Record mode	TIFF, SHQ, HQ, SQ1, SQ2	P. 79
❻ Date	'04. 04. 01	P. 29
❼ Time	12:30	P. 29
❽ Frame number	56	–
❾ File number	📷 100 – 0056	P. 118
❿ Number of pixels (resolution setting)	1984x1488, 1600x1200, 1280x960, 1024x768, 640x480	P. 80
⓫ Aperture value	F2.8 – F7.1	P. 48, 50
⓬ Shutter speed	8 – 1/1000	P. 49, 50
⓭ Exposure compensation	–2.0 – +2.0	P. 85
⓮ White balance	☀, ☁, ☼, 💡	P. 86
⓯ ISO	ISO100, ISO200, ISO400	P. 83

Movie playback information

When INFO is set to OFF

When INFO is set to ON

Names of parts

Items	Indications	Ref. page
❶ Battery check	▭ ⟶ ▭	P. 16
❷ Movie mark	🎬	P. 36
❸ Protect	🔒	P. 100
❹ Date	'04. 04. 01	P. 29
❺ Time	12:30	P. 29
❻ Movie playback time	During movie playback, the recording time appears as follows: **0" / 30"** Elapsed playback time Overall recording time	P. 90
❼ File number	📄 100 – 0020	P. 118
❽ Record mode	HQ, SQ	P. 79
❾ Number of pixels	320 x 240, 160 x 120	P. 80
❿ White balance	☀, ☁, 💡, 💡	P. 86

·························· **Note** ··························
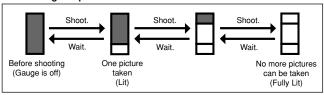
● The indications that appear on a movie picture that has been selected and displayed from the thumbnail display are different from those that appear when the movie picture is displayed using the movie play function (P. 88, 90).

15

Names of parts
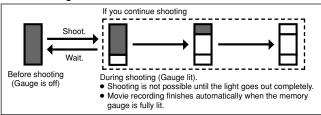
Memory gauge

The memory gauge lights when you take a picture. When the gauge is lit, the camera is storing a picture on the xD-Picture Card. The memory gauge indication changes as shown below depending on the shooting status. When the memory gauge is full, wait until the light goes out before you take any more shots.

When taking still pictures

Before shooting (Gauge is off) — Shoot. / Wait. — One picture taken (Lit) — Shoot. / Wait. — Shoot. / Wait. — No more pictures can be taken (Fully Lit)

When recording movies

If you continue shooting

Before shooting (Gauge is off) — Shoot. / Wait. — During shooting (Gauge lit).
● Shooting is not possible until the light goes out completely.
● Movie recording finishes automatically when the memory gauge is fully lit.
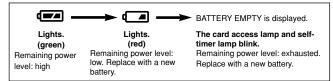
Battery check

If the remaining battery power is low, the battery check indication changes as follows when the camera is turned on or while the camera is in use.

Lights. (green)
Remaining power level: high

Lights. (red)
Remaining power level: low. Replace with a new battery.

BATTERY EMPTY is displayed.

The card access lamp and self-timer lamp blink.
Remaining power level: exhausted. Replace with a new battery.

How to use this manual

The instructions in this manual use a series of numbers for each operating procedure and button/dial illustration. Follow these numbers in order when operating the camera.

●●●●●●●●●●●●●●●● **Example 1** ▸●●●●●●●●●●●●●●●●●

If a button is shown in black, press it as part of the step.

Shooting mode setting — Mode dial (Cont.)
●●●

Shutter speed setting — Shutter priority shooting

Chapter 4

| Mode dial setting | P/A/S/M | My |

1 In the top menu, select MODE MENU → CAMERA → P/A/S/M → S. Press ⊛. Press again to cancel the menu. ☞ **"How to use the menu" (P. 39)**

2 To set a faster shutter speed, press △.

To set a slower shutter speed, press ▽.

■ **If the shutter speed is displayed in red**
The shutter speed you have set is unsuitable for the conditions.
▼ appears. → Press ▽ to set the shutter speed slower.
▲ appears. → Press △ to set the shutter speed faster.

Shutter speed

S F2.8 1/750 0.0

Shutter speed range: 1/2 to 1/1000 sec.
(For Night Scene [🌙] or Night Scene with Red-Eye Reduction [🌙◉] flash: 2 to 1/1000 sec.)

△, ▽, ◁ and ▷ used in instructions correspond to the buttons on the arrow pad as shown.

●●●●●●●●●●●●●●● **Example 2** ●●●●●●●●●●●●●●●●●
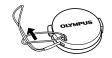
Shows the modes that the function can be used with. You can set the
mode dial to any of the positions shown.

Information display

Lets you select the amount of shooting information displayed in the shooting
or playback mode. When it is set to OFF, only a small amount of information
is displayed. For details on each piece of information displayed, see pages 12
to 15.

Mode dial setting **P/A/S/M** 🎥 ▶

P/A/S/M 🎥 : In the top menu, select MODE MENU → SETUP → INFO
→ ON. Press ⊛. Press again to cancel the menu.
▶ : Press ⊛ to display the top menu. Pressing ◁ turns
INFO on.
☞ **"How to use the menu" (P. 39)**

● All shooting information is displayed.
● To turn INFO off in the playback mode, press ⊛ again to bring up the top
menu and press ◁.

How to use the menu is shown here. Set the functions in the menus in the order of
these arrows. Before using the menus, read "Using the Menus", Chapter 3 for
details.

Attaching the strap

1 Attach the string to the lens cap; Pull the string loop through the hole in the lens cap. Put the other end of the string through the string loop.

2 Thread the strap through the camera's strap eyelet. It can only enter from the monitor side.

Monitor

A

Camera strap eyelet

3 Thread the strap **A** through the string loop (attached to the lens cap in step 1).
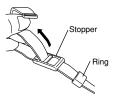
4 Thread the rest of the strap (which you will have around your neck) through the strap loop that has already gone through the eyelet. Pull on the strap in the camera's strap eyelet to make sure it is securely fastened.

5 **Pull out the end of the strap from the ring attached to the strap.**
Pull the end of the strap to remove it from the stopper and adjust the strap length.

Stopper

Ring

6 **When you have a length that you like, thread the end of the strap through the stopper. Thread the end of the strap through the ring while pulling on the strap to keep it from loosening.**

Ring

Stopper

•••••••••••••••••••••••• ⊘**Note** ••••••••••••••••••••••••

- Be careful with the strap when you carry the camera, as the strap can easily catch on stray objects, causing serious damage.
- Attach the strap correctly as shown so that the camera does not fall off. If the strap is attached incorrectly and the camera falls off the strap, Olympus is not responsible for any damages.

Loading the batteries

This camera uses 2 CR-V3 lithium battery packs or 4 AA (R6) NiMH batteries, NiCd batteries, alkaline batteries or lithium batteries.

✔ **Important:**
● **CR-V3 lithium battery packs cannot be re-charged.**
● Do not peel the label on a CR-V3 lithium battery pack.
● Manganese (zinc-carbon) batteries cannot be used.

---

1 **Make sure the camera is turned off;**
  ● The monitor is off.
  ● The viewfinder is off.
  ● The lens is not extended.

---

2 Slide the battery compartment lock on the battery compartment cover in the direction of ⯈ .

---

3 Slide the battery compartment cover in the direction of the arrow (Ⓐ) with your fingertip and open it (Ⓑ).
  ● Do not use your fingernail, as this could result in injury.

---

4 Insert the batteries in the direction shown in the illustration.

When using CR-V3 lithium battery packs

Battery alignment

When using AA (R6) batteries

●●●

5 **Close the battery compartment cover, then press it down (C) and slide it in the opposite direction of the arrow printed on it (D).**
- When pressing the battery compartment cover shut, be sure to press the center of the cover, as it may be difficult to close properly by pressing the edge.
- Make sure the cover is completely closed.

6 **Slide the battery compartment lock on the battery compartment cover in the direction of ⊖ .**

.... 🅞 **Note** ....

- If the terminals inside the battery compartment are dirty, it will noticeably shorten the life of the batteries. Do not touch the inside of the battery compartment as this may cause the terminals to become dirty.

Selecting optional batteries or AC adapter

In addition to the batteries provided, the following types of battery or AC adapter can be used. Choose the power source best suited to the situation.

■ Lithium battery pack
Since the CR-V3 lithium battery pack has an exceptionally long service life, it is convenient when traveling. The CR-V3 lithium battery pack cannot be charged.

■ Rechargeable batteries
Olympus NiMH batteries are rechargeable and economical. In addition, the low-temperature resistance makes them a good choice for cold areas.

Chapter 1

■ AA (R6) alkaline batteries
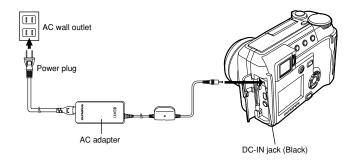
When you need batteries in a hurry, you can use AA (R6) alkaline batteries, which are easy to obtain anywhere. However, the number of pictures that you can store in the camera may vary considerably with AA batteries, depending on the battery manufacturer, camera shooting conditions, etc. Turn off the monitor whenever possible to save power.

■ AC adapter

An optional Olympus CAMEDIA-brand AC adapter allows you to power your digital camera from a common AC wall outlet. Be sure to use the specified AC adapter. An AC adapter is useful for time-consuming tasks such as image downloads.

Use an AC adapter designed to operate on the AC voltage in the area the camera is being used.

Consult your nearest Olympus dealer or Service center for details.

AC wall outlet

Power plug

AC adapter

DC-IN jack (Black)

Chapter 1

∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙ **✅ Note** ∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙

- The lives of battery packs may vary according to the type of battery, manufacturer, camera shooting conditions, etc.
- If the battery power runs out while the camera is connected to a PC, image data will be corrupted. It is recommended that you use the optional AC adapter when transferring images to a PC. Do not disconnect or connect the AC adapter while the camera is communicating with the PC.
- Power is consumed continuously during the conditions described below. This could reduce the number of pictures that can be taken.
  - When the monitor is turned on.
  - Repeated auto-focus by depressing the shutter button halfway.
  - Repeated power zoom adjustments.
  - When the monitor is in the playback mode for an extended period of time.
  - When communicating with a PC.
- Carefully read the "GENERAL PRECAUTIONS" included in the package and the AC adapter's instructions before use.
- When using an AC adapter, power is supplied to the camera by the AC adapter even if batteries are loaded in the camera. The AC adapter does not charge batteries that may be in the camera, it only provides power to the camera.
- Do not remove or load batteries and/or do not disconnect or connect the AC adapter while the camera is turned on. Doing so could damage the camera's settings or functions.

Card basics
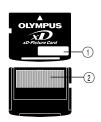
"Card" in this manual refers to the xD-Picture Card. The camera uses the card to record pictures.

The card corresponds to normal camera film for recording the pictures you have taken. Pictures recorded and stored on the card can easily be erased, overwritten, and/or edited on a PC.

1 Index area

You can write down the card's contents.

2 Contact area

Comes into contact with the camera's signal read contacts.

Compatible cards

• xD-Picture Card (16 – 512 MB)

.... **Note** ....
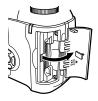
● This camera may not recognize a non-Olympus card or a card that was formatted on another device (such as a PC, etc.). Before use, be sure to format the card on this camera. ☞ "Formatting Cards" (P. 103)

Inserting a card

1 Make sure the camera is turned off.

● The monitor is off.

● The viewfinder is off.

● The lens is not extended.

2 Open the card cover.

●●●

Chapter 1

3 **Insert the card in the appropriate direction.**
● Insert the card while keeping it straight.
● The card will stop with a click when it is inserted all the way to the end.
● Inserting the card the wrong way or at an angle could damage the contact area or cause the card to jam.
● If the card is not inserted all the way, data may not be written to the card.
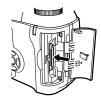
Index area side

4 **Close the card cover securely until it clicks.**

Removing the card

1 **Push the card all the way in to unlock it, then let it return slowly.**
● The card is ejected a short way and then stops. Hold the card straight and pull it out.

─ Note ─
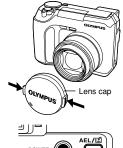
Releasing your finger quickly after pushing the card all the way in may cause it to eject forcefully out of the slot.

●●●●●●●●●●●●●●●●●●●●●●● **⊘Note** ●●●●●●●●●●●●●●●●●●●●●●●●
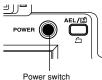
● Never open the card cover, eject the card, remove the batteries, or disconnect the optional AC adapter while the camera is in use or the camera is communicating with a computer. **Doing so could destroy all data on the card.**
● Destroyed data cannot be restored.

Power on/off

1 **Before turning the camera on, press the tabs on the lens cap to remove it.**

2 **Press the power switch to turn on the camera.**
 ● The lens moves out when the mode dial is not set to ▶ .
 ● The monitor turns on.
 ● To turn off the camera, press the power switch again.
 ● If the date/time has been returned to the factory default setting, "Y/M/D" appears on the monitor (P. 29).

Lens cap

POWER

AEL/□

Power switch

☼ **TIPS**

● To save battery power, the camera automatically enters the Sleep mode after about 1 minute of non-operation. The camera activates again as soon as you touch the zoom lever or mode dial, etc. Sleep time interval can be set in the P/A/S/M and ᴹ᷍ modes (P. 117).
● To minimize power consumption when using the camera, set BATTERY SAVE to ON (P. 117).

●●●

Chapter 1

Card check

When the power is turned on, the camera checks the card automatically.

Indications	TIPS
 ! NO CARD Card error indication	**There is no card in the camera or the card is not locked into place.** → Insert a card. If a card is already inserted, remove it and insert it again.
 ! CARD ERROR	**There is a problem with the card.** → Use a different card.
CARD SETUP POWER OFF FORMAT SELECT◆⊞ GO◆OK FORMAT ⚠CAUTION ERASING ALL YES NO SELECT◆⊞ GO◆OK	**The card cannot record, play back or erase pictures.** → Format the card. ① **Press ▽ to select FORMAT, then press .** ● The FORMAT screen appears. ② **Press △ to select YES, then press to start formatting.** ● When formatting is complete, the camera is ready for shooting. ● Formatting erases all data saved on the card.

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Date/time setting

It is possible to set the date/time of the camera's built-in clock. Since the date and time is saved with recorded pictures, be sure to set it correctly.
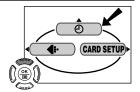
1 **Set the mode dial to AUTO , then press the POWER switch to turn on the camera.**
- Be sure to take off the lens cap before you turn the camera on (P. 27).

POWER switch

Mode dial

2 **Press .**
- The top menu is displayed.

button

Arrow pad

3 **Press △ on the arrow pad to select .**

CARD SETUP
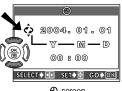
4 **When is selected on the screen, press △▽ to select the date format.**
- Select any one of the following formats:
  D-M-Y (Day/Month/Year)
  M-D-Y (Month/Day/Year)
  Y-M-D (Year/Month/Day)
- This step and the following steps show the procedure used when the date and time settings are set to Y-M-D.

2004 . 01 . 01
Y — M — D
00 : 00
SELECT ◀▶ SET ▲▼ GO ◀ OK

screen

Chapter 1

5 Press ▷ to move to the year (Y) setting.

6 Press △▽ to set the year. When the year is set, press ▷ to move to the month (M) setting.
- Repeat this procedure until the date and time are completely set.
- To move back to the previous setting, press ◁.

⏱ 2004. 01. 01

00 : 00

SELECT◆◀▶ SET◆▲▼ GO◆OK

⏱ 2004. 01. 01

00 : 00

SELECT◆◀▶ SET◆▲▼ GO◆OK

The first two digits of the year cannot be changed.

7 Press 🔘.
- For a more accurate setting, don't press 🔘 until the clock hits 00 seconds. The clock starts when you press the button.

8 To turn the camera off, press the POWER switch.
- The lens retracts.

•••••••••••••••••••••••••• **⊘ Note** ••••••••••••••••••••••••••

- The current settings stay the same even when the power is turned off, unless they are readjusted.
- The date setting will be canceled if the camera is left with no batteries for approximately 1 hour. If this happens, you will need to set the date again.
- The date/time setting may be canceled if the camera has stopped operating because of a dead battery, etc.
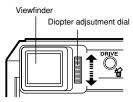
Adjusting the diopter

To make the camera easier to use, adjust the viewfinder to match the eyesight (visual acuity) of the person using the camera.

1 **Set the mode dial to AUTO and press the power switch.**

Power switch

Mode dial

Monitor button

2 **Press the (monitor) button.**
● The camera and the viewfinder turn on.

3 **While looking through the viewfinder, slowly turn the diopter adjustment dial.**

Viewfinder

Diopter adjsutment dial

DRIVE
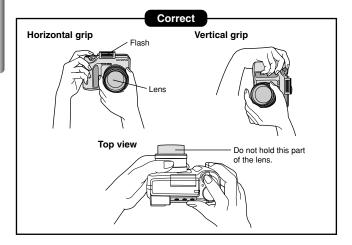
4 **Turn the dial until the AF target mark can be seen clearly.**

HQ
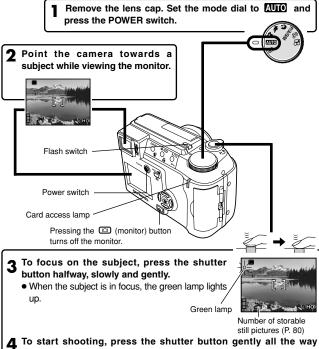
AF target mark

Holding the camera

Hold the camera firmly with both hands while keeping your elbows at your sides to prevent the camera from moving. When taking pictures in the vertical position, hold the camera so that the flash is higher than the lens.
Keep your fingers and the strap away from the lens and flash.

Correct

Horizontal grip   Flash

Vertical grip

Lens

Top view   Do not hold this part of the lens.

Taking still pictures AUTO

1 Remove the lens cap. Set the mode dial to **AUTO** and press the POWER switch.

2 Point the camera towards a subject while viewing the monitor.

Flash switch

Power switch

Card access lamp

Pressing the (monitor) button turns off the monitor.

3 To focus on the subject, press the shutter button halfway, slowly and gently.
● When the subject is in focus, the green lamp lights up.

Green lamp

Number of storable still pictures (P. 80)

4 To start shooting, press the shutter button gently all the way (fully).
● If the flash is up, it will fire automatically when required (P. 61).
● The card access lamp blinks and the camera begins storing pictures on the card.

••••••••••••••••••••••••• **Note** •••••••••••••••••••••••••

● Never open the card cover, eject the card, remove the batteries, or disconnect an optional AC adapter when the card access lamp is blinking. Doing so could destroy stored pictures and prevent storage of pictures you have just taken.

Recording movies 🎥

1 **Remove the lens cap. Set the mode dial to 🎥 and press the POWER switch.**

2 **Point the camera towards a subject while viewing the monitor.**

F4.8 1/600 0.0

Power switch

Card access lamp

3 **Press the shutter button halfway.**
● When the subject is in focus, the green lamp blinks once.

AF target mark

4 **Press the shutter button all the way to start recording.**
● During movie recording, 🎥 lights in red.
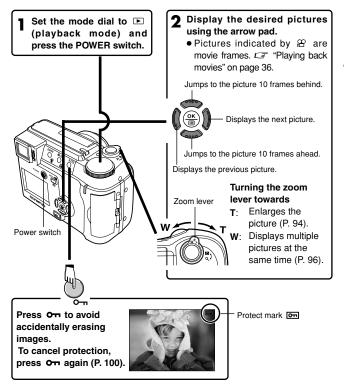
Seconds remaining

5 **Press the shutter button all the way again to stop recording.**
● The card access lamp blinks and the camera starts writing the movie to the card.
● If the displayed seconds remaining reach "0", shooting finishes automatically and the camera starts writing the movie to the card (P. 57).

Viewing still pictures ▶

1 Set the mode dial to ▶ (playback mode) and press the POWER switch.

2 Display the desired pictures using the arrow pad.
● Pictures indicated by 🎬 are movie frames. ☞ "Playing back movies" on page 36.

Jumps to the picture 10 frames behind.

Displays the next picture.

Jumps to the picture 10 frames ahead.

Displays the previous picture.

Power switch

Zoom lever

Turning the zoom lever towards
T: Enlarges the picture (P. 94).
W: Displays multiple pictures at the same time (P. 96).

Press ⊶ to avoid accidentally erasing images.
To cancel protection, press ⊶ again (P. 100).

Protect mark ⊶

•••••••••••••••••••••••• 🗘 **Note** ••••••••••••••••••••••••

● If the camera is not operated for over 3 minutes when the monitor is on, the monitor turns off automatically. To turn the monitor on again, press any button.

Playing back movies ▶
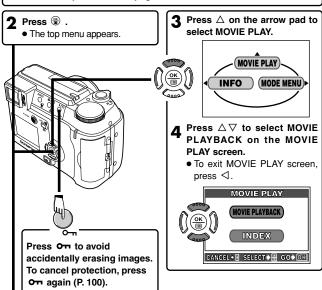
1 Display the movie frame (picture with 🎬) you want to play back.
☞ See steps 1 and 2 on page 35.

2 Press 🖱 .
● The top menu appears.

Press 🔒 to avoid accidentally erasing images. To cancel protection, press 🔒 again (P. 100).

3 Press △ on the arrow pad to select MOVIE PLAY.

```
        MOVIE PLAY
  INFO        MODE MENU
```

4 Press △▽ to select MOVIE PLAYBACK on the MOVIE PLAY screen.
● To exit MOVIE PLAY screen, press ◁.

```
        MOVIE PLAY
       MOVIE PLAYBACK
          INDEX
  CANCEL ◆ SELECT ◆ GO ◆ OK
```
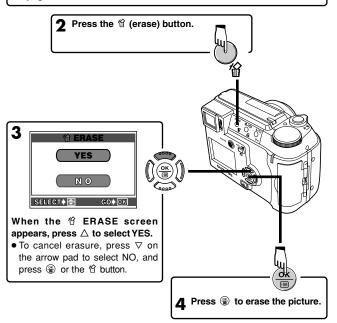
5 Press 🖱 to start Playback.
● When playback finishes, the screen returns to the beginning of the movie.
● If 🖱 is pressed again when the movie playback is finished, the MOVIE PLAYBACK screen appears. To exit the movie playback mode and return to the MOVIE PLAY screen, press △▽ to select EXIT, then press 🖱 .

・・・・・・・・・・・・・・・・・・・・・ ✐ Note ・・・・・・・・・・・・・・・・・・・・・

● The card access lamp blinks while movie data is being accessed. This may take a few seconds.

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Erasing pictures 🗑

1 **Display the picture you want to erase. ☞ See steps 1 and 2 on page 35.**

2 Press the 🗑 (erase) button.

3

🗑 **ERASE**

YES

N O

SELECT▶ GO▶ OK

When the 🗑 ERASE screen appears, press △ to select YES.
● To cancel erasure, press ▽ on the arrow pad to select NO, and press ⊛ or the 🗑 button.

4 Press ⊛ to erase the picture.
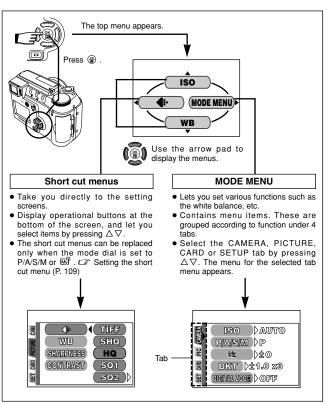
•••••••••••••••••••••••• **Note** ••••••••••••••••••••••••
● You cannot erase protected pictures.

What Are the Menus?
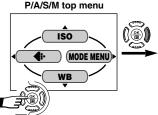
When you turn on the camera and press the ⊛ (OK/Menu) button, the menu that appears on the monitor is generally called "the top menu". Many functions of this camera are accessed using the menus. Below, we'll explain how the camera's menus work, using examples of menus displayed in the P/A/S/M mode. The top menu varies depending on the mode. ☞ "Modes & short cut menus" (P. 41)

The top menu appears.

Press ⊛ .

ISO

◄▐▌ MODE MENU ►

WB

Use the arrow pad to display the menus.

Short cut menus	MODE MENU
• Take you directly to the setting screens.	• Lets you set various functions such as the white balance, etc.
• Display operational buttons at the bottom of the screen, and let you select items by pressing △▽.	• Contains menu items. These are grouped according to function under 4 tabs.
• The short cut menus can be replaced only when the mode dial is set to P/A/S/M or ⓜ . ☞ Setting the short cut menu (P. 109)	• Select the CAMERA, PICTURE, CARD or SETUP tab by pressing △▽. The menu for the selected tab menu appears.

TIFF
WB   SHQ
SHARPNESS   HQ
CONTRAST   SQ1
            SQ2

Tab

ISO   ▷AUTO
P/A/S/M   ▷P
⚡   ▷±0
BKT   ▷1.0 x3
DIGITAL ZOOM ▷OFF

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How to use the menu

1 Press ⊛ to display the top menu. Press ▷.

P/A/S/M top menu

2 Press △▽ to select a tab and press ▷.

CAMERA tab

ISO	▷ AUTO
P/A/S/M	▷ P
2	▷ ±0
BKT	▷ ±1.0 x3
DIGITAL ZOOM	▷ OFF

Pressing ◁ returns to the tab selection.

CAM: CAMERA
Functions for shooting: selecting drive modes, using digital zoom, etc.

PICTURE tab

◐	HQ 1984x1488
WB	▷ AUTO
SHARPNESS	▷ NORMAL
CONTRAST	▷ NORMAL

PIC: PICTURE
Functions for adjusting images: selecting record modes, adjusting white balance, etc.
In the AUTO, ♠, ♦, ♥ or ♧ mode, the PICTURE tab is not available.
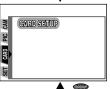
CARD tab

CARD SETUP

CARD: CARD
Card functions, such as formatting.
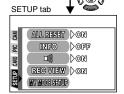
SET: SETUP
Functions for changing camera settings: date and time, shortcut settings, etc.
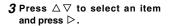
SETUP tab

ALL RESET	▷ ON
INFO	▷ OFF
◁))	▷ ON
REC VIEW	▷ ON
MY MODE SETUP	

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Chapter 3

3 Press △▽ to select an item and press ▷.
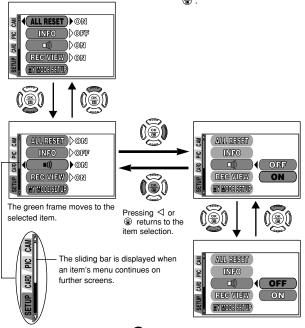
4 Press △▽ to select the setting. Press ⓘ to save the setting.
● To go back to shooting, press ⓘ .

ALL RESET ▷ ON
INFO ▷ OFF
🔊 ▷ ON
REC VIEW ▷ ON
MY MODE SETUP

ALL RESET ▷ ON
INFO ▷ OFF
🔊 ▷ ON
REC VIEW ▷ ON
MY MODE SETUP

The green frame moves to the selected item.

Pressing ◁ or ⓘ returns to the item selection.

ALL RESET
INFO
🔊 ◁ OFF
REC VIEW ON
MY MODE SETUP

The sliding bar is displayed when an item's menu continues on further screens.

ALL RESET
INFO
🔊 ◁ OFF
REC VIEW ON
MY MODE SETUP

CAM PIC CARD SETUP

•••••••••••••••••••••••••• 🖊 **Note** ••••••••••••••••••••••••••

● Not all items can be selected. The items that can be selected depend on the status of the camera and the settings. For example, in the ⚙ mode, you cannot select 2 in 1 in the CAMERA tab category.
● If you press the shutter button to take a picture while the menu is displayed, you can take pictures with the currently selected settings.
● If you want to save the settings after the camera is turned off, set All Reset to OFF. ☞ "All reset — Saving the camera's settings" (P. 105)

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Modes & Shortcut Menus

AUTO top menu

⊙ top menu
(same as in **♠** or **✿**)

P/A/S/M top menu
(same as in 🖼️)

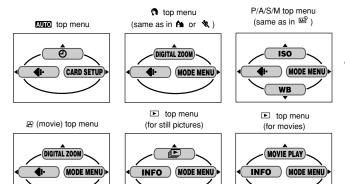⊞ (movie) top menu

▶ top menu
(for still pictures)

▶ top menu
(for movies)
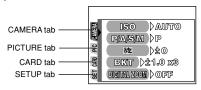
⊙	Sets the date and time.	P. 29
DIGITAL ZOOM	The optical zoom can be extended to a maximum of approx. 24x.	P. 60
ISO	Selects ISO sensitivity (based on normal camera film).	P. 83
⟨▒	Sets the record mode.	P. 80
CARD SETUP	Formats the card.	P. 103
WB	Sets the appropriate white balance according to the light source.	P. 86
🖻	Runs through all saved pictures one after another.	P. 89
MOVIE PLAY	Plays back movies. You can also make indexes of still-shots from movies.	P. 90
INFO	Changes the amount of shooting information displayed on the viewfinder/monitor.	P. 114

Tabs & MODE MENU functions (shooting)

In the shooting mode, the MODE MENU has 4 tabs. Press $\triangle \triangledown$ to select a tab and display the associated menu items.

CAMERA tab
PICTURE tab
CARD tab
SETUP tab

ISO	AUTO
P/A/S/M	P
🔅	±0
BKT	±1.0 x3
DIGITAL ZOOM	OFF

CAMERA tab		
ISO	Selects ISO sensitivity (based on normal camera film) from AUTO/100/200/400.	P. 83
P/A/S/M	Exposure mode can be selected from P (Program auto), A (Aperture priority auto), S (Shutter priority auto), or M (Manual mode).	P. 46
🔅	Adjusts the flash intensity for different shooting conditions.	P. 65
BKT	Sets the conditions for Auto bracketing.	P. 73
DIGITAL ZOOM	The maximum optical zoom (8x) can be extended even more by the 3x digital zoom, making possible up to approx. 24x zoom.	P. 60
PANORAMA	Allows panorama pictures to be taken with Olympus CAMEDIA-brand card.	P. 76
2 IN 1	Combines two pictures taken in succession and stores them as a single picture.	P. 78

PICTURE tab		
⬖	Sets the record mode resolution.	P. 80
WB	Sets the appropriate white balance according to the light source.	P. 86
SHARPNESS	Adjusts the sharpness of images.	P. 87
CONTRAST	Adjusts the contrast of images.	P. 87

CARD tab		
CARD SETUP	Formats cards.	P. 103

SETUP tab		
ALL RESET	Selects whether to keep the current camera settings when you turn off the power.	P. 105
INFO	Changes the amount of shooting information displayed on the viewfinder/monitor.	P. 114
■))	Turns off the beep sound (used for warnings, etc.).	P. 115
REC VIEW	Selects whether to display images while saving them to a card.	P. 116
MY MODE SETUP	Customizes settings, which are activated in the ⓜ️ mode.	P. 111
SLEEP	Sets the sleep timer.	P. 117
FILE NAME	Chooses how to name files and folders of images to be saved.	P. 118
PIXEL MAPPING	Checks the CCD and image processing circuit for errors.	P. 120
🖳	Adjusts the brightness of the viewfinder/monitor.	P. 115
⊘	Sets the date and time.	P. 29
BATTERY SAVE	Enables camera operation with reduced power consumption.	P. 117
SHORT CUT	Lets you assign frequently-used functions as shortcut menus on the top menu.	P. 108
CUSTOM BUTTON	Lets you assign a frequently used function to the camera's custom button.	P. 106

Chapter 3

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Tabs & MODE MENU functions (playback)

When a still picture is played back, the MODE MENU has 3 tabs. When a movie is played back, the MODE MENU has 2 tabs. Press $\triangle \triangledown$ to select a tab and display the associated menu items. The EDIT tab is not available during movie playback.

During still picture playback

During movie playback

EDIT tab

BLACK&WHITE	Creates black and white pictures.	P. 98
SEPIA	Creates sepia-toned pictures.	P. 98
▣	Makes the file size smaller.	P. 99

CARD tab
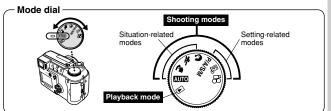
CARD SETUP	Formats cards (FORMAT), or erases all images in the card (ALL ERASE).	P. 103

SETUP tab

ALL RESET	Selects whether to keep the current camera settings when you turn off the power.	P. 105
■))	Turns off the beep sound (used for warning, etc.).	P. 115
▯	Adjusts the brightness of the viewfinder/monitor.	P. 115
⊘	Sets the date and time.	P. 29
▦	Selects the number of frames in the index display.	P. 97

Shooting mode setting — Mode dial

The shooting modes include modes where the optimal settings for the situation are automatically selected, and modes where you can select the settings best suited to the shooting conditions and the effect you wish to achieve. You can change the shooting mode before and after turning the camera on.

Mode dial

Shooting modes

Situation-related modes

Setting-related modes

AUTO

Playback mode

Situation-related modes

AUTO Full-auto shooting

Allows you to take still pictures using NO special functions or manual adjustments. The camera sets optimal focusing and exposure. Suitable for simple shooting.

🏃 Sports shooting

Suitable for capturing fast-moving action (such as a sports scene or moving vehicles) without blurring. The camera automatically sets the optimal shooting conditions.

🏞 Landscape-Portrait shooting

Suitable for taking photos both your subject and the background. The picture is taken with the background as well as the subject in the foreground in focus. The camera automatically sets the optimal shooting conditions.

👤 Portrait shooting

Suitable for shooting a portrait-style image of a person. This mode features an in-focus subject against a blurred background. The camera automatically sets the optimal shooting conditions.

Chapter 4

Setting-related modes

P/A/S/M Program/Aperture priority/Shutter priority/Manual shooting

When the mode dial is set to P/A/S/M, the following items can be set with the menus ☞ "P/A/S/M mode setting" (P. 47):

●P (Program shooting)

Allows you to take still pictures. The camera sets aperture and shutter speed. Other functions, such as flash modes and drive modes, can be adjusted manually.

●A (Aperture priority shooting)

Allows you to set the aperture manually. The camera sets the shutter speed automatically. By decreasing the aperture value (F value), you will force the camera to focus within a smaller range, producing a picture with a blurred background. Increasing the value forces the camera to focus over a wider range in the forward and backward directions, resulting in a picture in which both the subject and the background are in focus. ☞ "Aperture setting" (P. 48)

Aperture (F value) is decreased.   Aperture (F value) is increased.

●S (Shutter priority shooting)

Allows you to set the shutter speed manually. The camera sets the aperture automatically. Set the shutter speed according to the subject and the type of picture you want. ☞ "Shutter speed setting" (P. 49)

Setting the shutter speed higher lets you capture fast-moving action without blur. The subject will be clear and sharp, as if it is not moving.

Setting the shutter speed lower blurs a moving subject, giving the impression of movement.

● M (Manual shooting)

Allows you to set the aperture and shutter speed manually. To check the exposure, refer to the exposure differential. This mode gives you more creative control, allowing you to make the settings you need to get the type of picture you want, regardless of optimum exposure.

☞ "Aperture & shutter speed setting" (P. 50)

🖭 My Mode

Your favorite settings can be saved in MY MODE SETUP (in the menu's SETUP). Customized settings are activated when the power is turned on in the 🖭 mode. Settings such as aperture value, zoom position, etc. can be customized. In the 🖭 mode, you can select exposure mode (shooting mode) from P, A, S, or M. Settings can be specified with the camera's setting menus.

The shortcut menu can also include different items than the shortcut menus in the P/A/S/M mode.

☞ "MY MODE SETUP" (P. 111)

☎ Movie record

Allows you to record movies. The camera sets the aperture and shutter speed automatically. Focus and exposure are locked when the shutter button is pressed halfway. You cannot record movies with sound.

P/A/S/M mode setting

In the top menu, select MODE MENU → CAMERA → P/A/S/M → P, A, S or M. Press 🏵 . Press again to cancel the menu.

☞ "How to use the menu" (P. 39)

Chapter 4

Aperture setting — Aperture priority shooting

Mode dial setting	P/A/S/M	My

1 In the top menu, select MODE MENU → CAMERA → P/A/S/M → A. Press ⊜ . Press again to cancel the menu. ☞ "How to use the menu" (P. 39)

2 To increase the aperture value (F value), press △.

To decrease the aperture value (F value), press ▽.

■ **If the aperture value is displayed in red**

The aperture you have set is unsuitable for the conditions.

▼ appears. → Press ▽ to decrease the aperture value.

▲ appears. → Press △ to increase the aperture value.

Green:
The aperture setting will provide optimum exposure.

Red:
The aperture setting is unsuitable for optimum exposure.

Zoom position	Value
Wide (W)	f2.8* – f7.1
Tele (T)	f3.4* – f7.1

*Open-aperture (the widest aperture setting) depends on the zoom position.

·························· **✐ Note** ··························

● When the flash is set to the auto-flash mode, the shutter speed is fixed at 1/30 sec. in the maximum wide-angle, or 1/250 sec. in the maximum telephoto, and can never go slower.

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Shutter speed setting — Shutter priority shooting

Mode dial setting	P/A/S/M	My

1 In the top menu, select MODE MENU → CAMERA → P/A/S/M → S. Press 🔘 . Press again to cancel the menu. ☞ "How to use the menu" (P. 39)

2 To set a faster shutter speed, press △.

To set a slower shutter speed, press ▽.

■ If the shutter speed is displayed in red

The shutter speed you have set is unsuitable for the conditions.

▼ appears. → Press ▽ to set the shutter speed slower.

▲ appears. → Press △ to set the shutter speed faster.

Shutter speed

S F2.8 1/750 0.0

Shutter speed range: 1/2 to 1/1000 sec.

(For Night Scene [🌙] or Night Scene with Red-Eye Reduction [🌙◉] flash: 2 to 1/1000 sec.)

Chapter 4

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Chapter 4
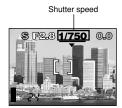
Aperture & Shutter speed setting — Manual shooting

| Mode dial setting | P/A/S/M | My |

1 **In the top menu, select MODE MENU → CAMERA → P/A/S/M → M. Press ⑧ . Press again to cancel the menu.** ☞ **"How to use the menu" (P. 39)**

2 To set a faster shutter speed, press △.

To increase the aperture value (F value), press ◁.

To decrease the aperture value (F value), press ▷.

To set a slower shutter speed, press ▽.

F value: W → f2.8* − f7.1
     T → f3.4* − f7.1
Shutter speed: 8 to 1/1000 sec.

* Open-aperture (the widest aperture setting) depends on the zoom position.

■ **Exposure differential**
- The difference (ranging from −3.0 to +3.0) between the exposure determined by the currently selected aperture and shutter speed compared to the exposure level considered optimal by the camera appears in the upper right-hand corner.
- When the exposure differential is set to less than −3.0 or more than +3.0, the exposure differential appears in red.

Aperture (F value) Shutter speed

M **F2.8** **1/800** **-3.0** ── Exposure differential

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········· ✔ **Note** ·········
- To avoid camera movement, we recommend use of a tripod for any effect which uses a slow shutter speed.

Using My Mode

The shooting mode you selected with the menus is activated in the 🅜🔟 mode on the mode dial.

You can register the shooting mode or customized function settings in the 🅜🔟 mode so that they can be called up any time for shooting with this mode.

Mode dial
setting

🅜🔟
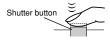
To use settings registered in the 🅜🔟 mode, set the mode dial to 🅜🔟 .

●●●●●●●●●●●●●●●●●●●●●●●●●● ⊘**Note** ●●●●●●●●●●●●●●●●●●●●●●●●●●

● Although the settings you are using can be saved, the zoom position you are currently using will not be saved.

How to use the shutter button

1 **Point the camera towards the subject. Place the AF target mark on the subject while viewing the monitor. Press the shutter button gently (halfway).**

Shutter button

● When the focus and brightness (exposure) are locked, the green lamp lights.

P F2.8 1/800 0.0

HQ

Green lamp   AF target mark

2 Press the shutter button all the way.
- **AUTO** , 🏔 , 🏃 , 🌙 , P/A/S/M, or 🎨 mode: The camera starts storing your pictures on the card. While pictures are being stored, the card access lamp blinks.
- 🎬 mode: The camera starts recording a movie.

3 ONLY for the 🎬 (movie record) mode To stop recording, press the shutter button all the way again.
- The card access lamp blinks and the camera starts storing the movie on the card. You cannot record another movie until the card access lamp stops blinking.

Card access lamp

Focusing

Auto focus

When you place the AF target mark on a subject and press the shutter button halfway, the green lamp lights. This means that focusing is being performed automatically. If the green lamp blinks, focusing is not correct. If this happens, use Focus lock (P. 54).

P F2.8 1/800 0.0

HQ

Green lamp   AF target mark

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Chapter 4

When Auto focus does not work
— Subjects that are difficult to focus on

Under certain types of conditions auto focus may not work properly. If you run into problems, try the procedure below.
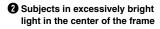
Conditions ❶, ❷ and ❺

Auto focus may not work properly. The green lamp may blink.

Conditions ❸ and ❹

Auto focus may not work properly even when the green lamp lights when you press the shutter button down halfway.

❶ **Subjects with low contrast**

❷ **Subjects in excessively bright light in the center of the frame**

❸ **Subjects at different distances**

❹ **Fast-moving subjects**

Position the AF target mark in the viewfinder on an object that is the same distance from the camera as the subject, then half-press the shutter button to lock focus, while keeping your finger half-pressed on the shutter button, frame the picture you want to shoot, and then fully press the shutter button (P. 54).

• •

❺ **Subjects with no vertical lines**

Hold the camera vertically, half-press the shutter button and hold it down to lock the focus. Re-position the camera horizontally, compose the picture and then fully press the shutter button to take the picture (P. 54).

Chapter 4

Focus lock — Focusing on subjects that are not in the center of the frame

If the subject of your composition is not within the AF target mark and focusing is not possible, try the following:

Mode dial setting AUTO | 🏠 | 🎆 | 👤 | P/A/S/M | 🖼 | 🎬

1 **Position the AF target mark over the subject. Press the shutter button halfway to lock the focus.**

Brightness (exposure) is also locked and the green lamp lights.

P F2.8 1/800 0.0

HQ

AF target mark

2 **Compose your picture (point the camera towards the subject) while keeping the shutter button pressed halfway.**

P F2.8 1/800 0.0

HQ

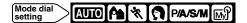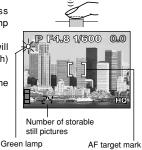**3** **Press the shutter button all the way.**

💡 **TIPS**

● **The green lamp blinks.**
  → Focus and exposure are not locked. Release your finger from the shutter button and position your subject again. Repeat step 1 until the green lamp lights up without blinking.
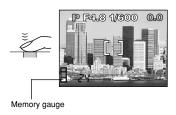
Taking still pictures AUTO 🏔 ✕ 🎭 P/A/S/M 📷

Mode dial setting AUTO 🏔 ✕ 🎭 P/A/S/M 📷

1 **Point the camera towards a subject, and place the subject on the AF target mark.**

2 **Press the shutter button halfway.**
- When the focus and brightness (exposure) are locked, the green lamp lights.
- To warn you of camera shake, ⚡ will blink. In this case, press the ⚡ (flash) switch to pop up the flash (P. 64).
- If the ⚡ (flash stand-by) mark lights, the flash will fire automatically.

P F4.8 1/600 0.0

HQ

Number of storable still pictures

Green lamp

AF target mark

3 **Press the shutter button all the way.**
- The bottom of the memory gauge lights, the card access lamp blinks, and the camera begins storing pictures on the card.

P F4.8 1/600 0.0

Memory gauge

Card access lamp

☼ **TIPS**

● **How to turn off only the monitor**
   →Press the ▣ (monitor) button. The monitor turns off. If ▣ is
      pressed again, the monitor turns on.
● **The green lamp blinks.**
   →If you want to get as close as approximately 0.1 m (0.3 ft) in the
      maximum W position or 1 m (3.2 ft) in the maximum T position to your
      subject, put the camera into the macro mode (P. 69).
   →Depending on the subject, focus and exposure (brightness) may not
      be locked (P. 53).
● **How to brighten/darken the viewfinder and/or monitor**
   →Adjust the brightness in the ▣ setting (P. 115).
● **The monitor does not turn on.**
   →If the camera is not used for over 30 sec., the monitor turns off. If you
      operate the shutter button or zoom lever, the monitor turns on again.
● **How to automatically check the picture you have just taken**
   →Set REC VIEW to ON (P. 116).
● **Vertical lines on the viewfinder/monitor make it hard to see the
   image.**
   →Bright light (such as direct sunlight) may cause vertical lines to appear
      on the viewfinder/monitor. This is not a malfunction.

····················· ✐ **Note** ·····················

● Press the shutter button gently using the ball of your finger. If the button is
   pressed hard, the camera may move and pictures may come out blurred.
● Recorded pictures will be saved on the card regardless of whether the
   camera is turned off or the batteries are replaced or removed.
● Never open the card cover, eject the card, remove the batteries, or
   disconnect an AC adapter when the card access lamp is blinking. Doing so
   could destroy stored pictures and prevent storage of pictures you have just
   taken.

Recording movies 🎥

This function allows you to record movies. Focus is locked during recording. If the distance to the subject changes, focus may be compromised.

Mode dial setting ▷ 🎥

1 **Point the camera towards a subject, and place the subject on the AF target.**
- When the mode dial is set to 🎥 , the total recording time is shown. Total recording time depends on the memory capacity of the card.

F4.8 1/600 0.0

HQ

2 **Press the shutter button all the way to start recording.**
- The number of seconds remaining appear.
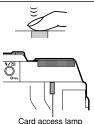- When the subject is in focus, the green lamp blinks once.
- During movie recording, 🎥 lights in red.

Green lamp   Seconds remaining*

* The displayed seconds remaining shows the time you can shoot after pressing the shutter button.

3 **Press the shutter button all the way to stop recording.**

● The card access lamp blinks and the camera begins storing the movie on the card. You cannot record another movie as long as the card access lamp is blinking.

● When the card access lamp stops blinking, the camera has finished writing the movie to the card. If there is any space left on the card, the number of seconds remaining is displayed. You can start shooting another movie.

Card access lamp

● When the remaining time displayed has been used up, shooting stops automatically and the camera starts writing the movie to the card. This will happen regardless of whether or not you press the shutter button to stop shooting.

TIPS

● **Shooting is not possible.**
→ Shooting is not possible while the camera is saving pictures to the card. When the memory gauge goes off, you can take another shot.

Note

● During movie recording, the flash and optical zoom cannot be used. To use zoom, set DIGITAL ZOOM to ON (P. 60).

Zoom — Telephoto/Wide-angle shooting

Telephoto/Wide-angle shooting is possible at up to 8x magnification (optical zoom limit, equivalent to 40 mm-320 mm on a 35 mm camera). By combining the digital zoom with the 8x optical zoom, zoom magnification up to approx. 24x is possible.

Shoot a wider view picture (wide-angle)
Press the zoom lever toward W to zoom out.

Zoom in on a subject (telephoto)
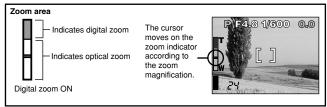Press the zoom lever toward T to zoom in.

Zoom lever

●●●●

Chapter 4

Digital zoom

Mode dial setting	🏠 🏃 👤 P/A/S/M 🎦 🎥

1 🏠 🏃 👤 🎥 : **In the top menu, select DIGITAL ZOOM → ON. Press
⊛ . Press again to cancel the menu.**

P/A/S/M 🎦 : **In the top menu, select MODE MENU → CAMERA
→ DIGITAL ZOOM → ON. Press ⊛. Press again to
cancel the menu.**

☞ **"How to use the menu" (P. 39)**

2 **Press the zoom lever towards T.**

● The zoom bar appears.

Zoom area

Indicates digital zoom

Indicates optical zoom

Digital zoom ON

The cursor
moves on the
zoom indicator
according to
the zoom
magnification.

P F4.8 1/600 0.0

[ ]

24

Factory default setting: OFF

·························· 🗭 **Note** ··························

● The optical zoom cannot be used in the 🎥 mode. To use zoom, set
DIGITAL ZOOM to ON.
● Images captured with the digital zoom may appear grainy.
● Camera movement is likely to happen at higher magnifications. Stabilize the
camera with a tripod, etc. to avoid camera movement.

Flash shooting

You can select a flash mode appropriate to the lighting conditions and the effect you want to achieve. You can also adjust the amount of light emitted using the flash intensity control (P. 65).

The flash modes are as follows:

Auto-flash

Automatically fires in low-light and backlight conditions.

Red-eye reduction flash ⊚

This mode significantly reduces the phenomenon of "red-eye" by emitting about 10 pre-flashes before firing the regular flash. This mode works the same as the auto-flash except for the pre-flashes.

The subject's eyes appear red.

•••••••••••••••••••••••••• **⚫Note** ••••••••••••••••••••••••••

● After the pre-flash, it takes about 1 second before the shutter is released, so do not move the camera and hold it firmly after the pre-flash.

● Effectiveness may be limited if the subject is not looking directly at the preflashes, or if the shooting range is too far. Individual physical characteristics may also limit effectiveness.

Fill-in flash ⚡

The flash fires regardless of available light. This mode is useful for eliminating shadows on the subject's face or for correcting the color shift produced by artificial lighting (especially fluorescent light).

•••••••••••••••••••••••••• **⚫Note** ••••••••••••••••••••••••••

● Fill-in flash may not have the desired effect under excessively bright light.

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●●●

Flash off ⑤

When the flash is pushed back in the camera, the flash is in the Off mode. The flash does not fire even in low-light conditions. Use this mode in situations where flash photography is not desired or is prohibited, or when you want to shoot a natural-looking twilight or night scene.

●●●●●●●●●●●●●●●●●●●●●●● 🖉 **Note** ●●●●●●●●●●●●●●●●●●●●●●●

● Since a slow shutter speed is automatically selected in low-light situations when in the flash off mode, the use of a tripod is recommended to prevent your pictures from being blurred by camera movement.

Night scene flash 🌙 & Night scene with red-eye reduction flash 🌙⊙

Designed for slow shutter speeds. Normally, when shooting with a flash, shutter speeds cannot go below a certain level to prevent blurring from camera movement. But when shooting a night scene background, fast shutter speeds can make the background too dark. Night scene flash and Night scene with red-eye reduction flash allow you to combine a slow shutter speed for the background with a flash for the subject. Since the shutter speed is slow, make sure you stabilize the camera using a tripod. Otherwise, camera movement may cause the image to be blurred.

Shutter speed: 2 to 1/1000 sec.

■ **Night scene (front curtain):** 🌙
Regardless of the shutter speed, the flash fires right after the shutter fully opens. This is called front curtain.

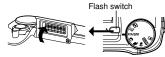■ **Night scene with red-eye reduction flash:** 🌙⊙
Select this mode when you want to use the Night scene flash, but want to minimize red-eye. For example, when taking a picture of someone against a brightly lit night-time background.
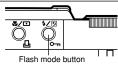
Using the flash

Mode dial setting **AUTO** 🏠 🏃 🌙 **P/A/S/M** 🎦

1 **Press the ♭ (flash) switch.**
   ● The flash pops up.

Flash switch

2 **Press the ♭ / 🔄 (flash mode) button repeatedly until the desired flash mode indication appears.**
   ● The flash mode changes as follows (if all modes are available):
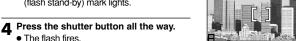
Flash mode button

When selecting/When shooting

Auto-flash/   ◉ / ◉
No indication
                               ♭ / ♭
🌙◉ / 🌙◉ ← 🌙 / 🌙

P F2.8 1/800   0.0
◉   ◉

24   HQ

   ● If ♭ / 🔄 is not pressed within 2 seconds after the selection screen is displayed, the selection screen disappears.
   ● To de-activate the flash (Flash Off mode ⊘), push the flash back into the camera.

3 **Press the shutter button halfway.**
   ● When the flash is ready to fire, the ♭ (flash stand-by) mark lights.

P F2.8 1/800   0.0
♭

24   HQ

4 **Press the shutter button all the way.**
   ● The flash fires.

Flash working range
W (max.): Approx. 0.1 m – 5.5 m (0.3 ft – 18 ft)
T (max.): Approx. 1.0 m – 4.5 m (3.2 ft – 15 ft)

Flash shooting (Cont.)

Flash mode \ Mode	**AUTO**	🄰	🄱	🄲	P	A	S	M	My*
Auto-flash	√	√	√	–	√	√	–	–	√
⊙	–	–	–	√	√	√	–	–	√
↯	–	–	–	√	√	√	–	–	√
☽	–	–	–	–	√	√	√	–	√
☽⊙	–	–	–	–	√	√	–	–	√
⊘	√	√	√	√	√	√	√	√	√

√: Available, – : Not available ☐ : Factory default setting

* The factory default setting and the available settings differ depending on which shooting mode is selected. See the P/A/S/M column.

☼ TIPS

● **The flash is up, but does not fire.**

→ Flash does not fire in the following situations:

When shooting a bright subject, in the movie record mode, during Sequential shooting (⬛ *, AF⬛ *, **BKT**) (P. 72, 73), during Panorama shooting (P. 76).

* Red-eye reduction flash and Night scene with red-eye reduction flash are not available.

● **The ↯ (flash stand-by) mark blinks.**

→ The flash is charging. Remove your finger from the shutter button. When the mark stops blinking, press it again.

● **Camera movement warning (Auto, Red-eye reduction, Fill-in)**

When ↯ (camera shake warning) lights, the shutter speed locks at its current level. This helps prevent camera movement problems (shutter speeds that are too slow can cause blur). However, if the zoom magnification is increased, the camera will increase the locked shutter speed accordingly.

Zoom position & Shutter speed

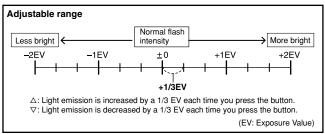W (max.): 1/30 sec., T (max.): 1/250 sec.

✎ Note

● The flash may not give you the optimum result in macro mode, especially with wide-angle shooting. Check the image on the monitor.
● If a conversion lens is attached to the camera, the flash is disabled.

Flash intensity control

You can adjust the amount of light emitted by the flash.

In some situations, you may get better results by adjusting light emission. Examples include small subjects, distant backgrounds, or situations when increased contrast is desired.

Mode dial setting | **P/A/S/M** **My**

In the top menu, select MODE MENU → CAMERA → 🔅 . To increase the light emission, press △. To decrease the light emission, press ▽. To complete the setting, press 🔘 . ☞ "How to use the menu" (P. 39)

Adjustable range

| Less bright ← | | Normal flash intensity | | → More bright |

| –2EV | –1EV | ± 0 | +1EV | +2EV |

+1/3EV

△: Light emission is increased by a 1/3 EV each time you press the button.
▽: Light emission is decreased by a 1/3 EV each time you press the button.

(EV: Exposure Value)

Factory default setting: ±0

⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯ **✔ Note** ⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯

● The flash adjustment effect may not be sufficient if the shutter speed is too fast.

Spot metering
— Selecting the metering area

There are 2 metering methods: Digital ESP metering and spot metering.

Digital ESP metering: Meters the center of the subject and the area around it.
Spot metering: Exposure is determined by metering within the AF target mark. In this mode, a subject can be shot with optimal exposure regardless of the background light. In the working range of the macro mode, spot metering is also available (spot metering+macro mode).

Mode dial setting	P/A/S/M 🖱️ 🎬

1 Press the 🌷/⊡ button repeatedly until ⊡ (spot metering) or ⊡🌷 (spot metering+macro mode) appears.

● The indications change as follows (if all modes are available):

― When selecting/When shooting ―

⊡🌷 OFF/
No indication
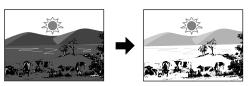(Digital ESP)

⊡ / ⊡

⊡🌷/⊡🌷

🌷/🌷

🌷 ☞ Macro mode (P. 69)

P F2.8 1/800 0.0

Spot metering

● If 🌷/⊡ is not pressed within 2 seconds after the selection screen is displayed, the selection screen disappears.

2 Take a picture.

Factory default setting: Digital ESP

AE lock — Locking the exposure

Suitable for situations when optimal exposure is difficult to achieve (such as excessive contrast between the subject and the surroundings). For example, if the sun is in the frame and shooting with automatic exposure results in a dark subject, re-compose your shot so that the sun is not in the frame. Then, press the **AEL**/ button to lock the metered value (exposure) temporarily. Then compose your shot again with the sun in the frame and shoot. In other words, use AE lock when you want an exposure setting that's different from the setting that would normally apply to the image you want to shoot.

Mode dial setting **P/A/S/M** **My**

1 **In the top menu, select MODE MENU → CAMERA → P/A/S/M → select P, A or S. Press . Press again to cancel the menu.** ☞ **"How to use the menu" (P. 39)**
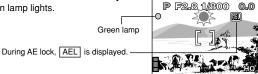
2 **Compose the picture where you want to lock the metered value (exposure), then press the AEL/ button.**
● To cancel AE lock, press the **AEL**/ button again and release it quickly. If you want to lock a different exposure, re-compose the picture and press the button again. Each time you press the button, lock and cancel are repeated.
● AE lock is canceled. ☞ "TIPS" (P. 68)

Chapter 5

3 **Place the subject you want to focus on within the AF target mark, then press the shutter button halfway.**
● The green lamp lights.

P F2.8 1/800 0.0

Green lamp

During AE lock, AEL is displayed.

HQ

4 **Press the Shutter button all the way.**
● After shooting, AE lock is canceled and AEL disappears.

Modes & AE lock

P/A/S/M				𝗠𝗬
P	A	S	M	
Available			–	Available in P, A or S.

☼ **TIPS**

● **AE lock is not available**
  → A menu is on the screen. Quit the menu (P. 39).
● **AE lock has been canceled**
  → You turned the mode dial to change the camera's mode.
  → The camera's power was turned off or the camera entered sleep mode.
  → The spot metering/macro mode, drive mode or flash mode is changed.
  → You pressed ⊛ to display the menu.

Macro mode shooting
— Taking close-up pictures

Focusing is usually slow when you get close to a subject (0.1 m-0.6 m (0.3 ft-1.9 ft) in the max. W position or 1.0 m-2.0 m (3.2 ft-6.5 ft) in the max. T position). However, in the ✿ mode focusing is performed quickly. The ✿ (macro) mode allows you to shoot close to the subject (within 0.1 m – 0.6 m (0.3 ft – 1.9 ft)). With the zoom lever is pressed to the maximum W position, you can fill the entire frame with your subject.
If the center of the frame (within the AF target mark) is metered when you are close to the subject and you shoot with the optimal exposure, the picture will turn out well (Spot metering+ Macro mode). ☞ "Spot metering" (P. 66)

Normal shooting

With the macro mode

Mode dial setting [P/A/S/M] [My] [🎬]

1 **Press the ✿/⊡ button repeatedly until ✿ (Macro mode) or ⊡✿ (Spot metering+Macro mode) appears.**

● The indications change as follows (if all modes are available):

When selecting/When shooting

⊡✿ OFF/
No indication → ⊡ / ⊡
(Digital ESP)

↑   ↓

⊡✿ / ⊡✿ ← ✿ / ✿

P F2.8 1/800   0.0

✿

HQ

Macro mark

● If ✿/⊡ is not pressed within 2 seconds after the selection screen is displayed, the selection screen disappears.

2 **Take a picture.**

Macro mode shooting — Taking close-up pictures (Cont.)

Supported working range
Normal (except macro) : W : 0.1 m to ∞ (0.3 ft to ∞)
                         T : 1.0 m to ∞ (3.2 ft to ∞)
Macro   : W : 0.1 m to 0.6 m (0.3 ft to 1.9 ft)
                         T : 1.0 m to 2.0 m (3.2 ft to 6.5 ft)

Factory default setting: Digital ESP

•••••••••••••••••••••••••• ❷**Note** ••••••••••••••••••••••••••

● ♣ (Macro) mode setting is not possible in the **AUTO** , ♠ , ✿ or ♥ mode. However, shooting is possible in the macro shooting range.
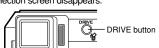
Self-Timer Shooting

This function is useful for taking pictures where you want to be included in the photograph.

Mode dial setting 🏠 🏃 👤 P/A/S/M 🔟 📹

1 Use a tripod to stabilize the camera.

2 Press the DRIVE button repeatedly until ⟳ appears.

● If DRIVE is not pressed within 2 seconds after the selection screen is displayed, the selection screen disappears.

DRIVE button

P F2.8 1/800 0.0

Self-timer

3 Press the shutter button fully to start self-timer shooting.

● The self-timer lamp lights up for approx. 10 seconds, then starts blinking. After blinking for approx. 2 seconds, the picture is taken. (In the 📹 mode, recording starts.)

● To stop shooting while in the 📹 mode, press the shutter button fully again.

Self-timer lamp

☀ TIPS

● **To stop the self-timer, press DRIVE. The self-timer stops and the self-timer lamp will turn off.**

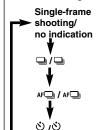·························· ✔ **Note** ··························

● The self-timer mode is not saved after the power is turned off even if All Reset is set to OFF (P. 105).

● The self-timer mode is canceled automatically when shooting is finished.

● In the 📹 mode, the camera automatically stops shooting when it goes over the maximum recording time.

● If self-timer shooting is attempted in the 🏠 , 🏃 , 👤 , P/A/S/M or 🔟 mode, single-frame shooting is performed.

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Sequential shooting

There are 3 Sequential shooting modes: Sequential shooting ⬛, AF Sequential shooting AF⬛ and Auto bracketing BKT.

You can select sequential shooting modes by pressing the DRIVE button. The drive mode changes as follows (if all modes are available):

When selecting/When shooting

Single-frame shooting/ no indication	: Shoots 1 frame at a time when the shutter button is pressed all the way. (Single-frame shooting; normal shooting)
⬛ / ⬛	: Sequential shooting & AF Sequential shooting (See below.)
AF⬛ / AF⬛	: Sequential shooting & AF Sequential shooting (See below.)
⏱ / ⏱	: Self-timer shooting (P. 71)
BKT/BKT	: Auto bracketing (P. 73)

Sequential shooting & AF Sequential shooting

Sequential shooting ⬛ : Shoots pictures sequentially. Focus and exposure are locked at the first frame.

AF Sequential shooting AF⬛ : Shoots pictures sequentially. Focus is locked for each frame automatically. The AF Sequential shooting speed is lower than normal sequential shooting.

Mode dial setting ▶ 🏠 🏃 👤 P/A/S/M 📷

1 Press the DRIVE button repeatedly until ⬛ or AF⬛ appears.
- If you do not press DRIVE within 2 seconds after the selection screen is displayed, the selection screen disappears.

P F2.8 1/800 0.0

AF⬛   AF⬛

24   HQ

AF sequential shooting

2 Take pictures.
● Press the shutter button all the way and keep it pressed. The camera will take pictures in sequence until you release the button.
● Sequential shooting speed (HQ mode): approximately 1.2 frames/sec., number of pictures: 5 or more

·························· **☑ Note** ··························

● Also read the "Note" (P. 75) and "Modes & Drive mode" (P. 74).

Auto bracketing — Shooting pictures sequentially with a different exposure for each frame

Under some conditions, you may obtain better results shooting with exposure compensation than by using the exposure setting considered optimal by the camera. When Auto bracketing is set, exposure is changed automatically for each frame when you start shooting. The exposure differential can be selected in the menus. Focus and white balance are locked at the first frame.
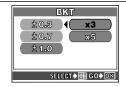
Ex: When BKT is set to ±1.0, x3

−1　　　　　**0**　　　　　**+1**

Mode dial setting	P/A/S/M	My

1 In the top menu, select MODE MENU → CAMERA → BKT. Press ▷.
　 ☞ "How to use the menu" (P. 39)

2 Press △▽ to select the exposure differential between each frame (±0.3, ±0.7, ±1.0), then press ▷.

```
          BKT
    ┌ ±0.3 ▶  ┐  ┌ x3 ┐
    │ ±0.7    │  │ x5 │
    └ ±1.0    ┘  └    ┘

CANCEL▶  SELECT▶  GO▶ OK
```

● ● ●

Chapter 5

3 **Press △▽ to select the number of frames to shoot (x3, x5), then press ⊛.**
● In some combinations of picture size and record mode, only x3 is available.

```
          BKT
    ±0.3   ◀   x3
    ±0.7       x5
    ±1.0
    SELECT▶⊞ GO▶ OK
```

4 **Press the DRIVE button repeatedly until BKT appears.**
● If you do not press DRIVE within 2 seconds after the selection screen is displayed, the selection screen disappears.

5 **Take pictures.**
● Press the shutter button all the way and keep it pressed to shoot the preset number of pictures. You can stop shooting at any time by releasing the shutter button.

Modes & Drive mode

Mode / Drive mode	🏔	🏃	😊	P/A/S/M				🅼y
				P	A	S	M	
Single-frame shooting	√	√	√	√				√
🔲	√	√	√	√				√
AF🔲	–	–	–	√				√
⏱	√	√	√	√				√
BKT	–	–	–	√			–	Only in P, A or S.

√ : Available, – : Not available ☐ : Factory default setting

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Chapter 5

······························ ✔**Note** ····················

● Sequential shooting (🖳 , AF🖳 , BKT) is not possible when the record mode is set to TIFF (P. 79).

● The flash will not fire during auto bracketing.

● Red-eye reduction and Night scene with red-eye reduction are not available in sequential shooting or AF sequential shooting.

● If there is not enough space available on the card for the number of frames you have set during auto bracketing, you cannot continue shooting.

● If the battery power is low and the battery check blinks during sequential shooting, shooting stops and the camera starts saving the pictures you have taken. Whether or not all of the shots are saved depends on how much battery power remains.

● During sequential shooting, the slowest shutter speed is set to 1/30 sec.

Panorama shooting

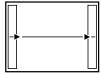You can take advantage of panorama shooting with an Olympus xD-Picture Card.

Panorama shooting lets you connect images with overlapping edges into a single panoramic image, using the provided CAMEDIA Master software.
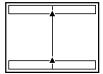
```
Mode dial
setting
```
🏠 🏃 😊 P/A/S/M 🆖

1 In the top menu, select MODE MENU → CAMERA → PANORAMA.
☞ **"How to use the menu" (P. 39)**

2 Press ▷.
● The PANORAMA mode is set.

3 Press the arrow pad to choose at which edge (top/bottom/right/left) you want to connect images.
● The direction is displayed.

Connects a series of pictures from left to right.

Connects a series of pictures from bottom to top.

Chapter 5

4 **Make sure that the edges of images overlap, then take your pictures.**
● Focus, exposure and white balance are set by the first picture. Do not select an extremely bright subject (such as the sun) for the first picture.
● You cannot adjust the zoom after the first picture.
● Panorama shooting is possible for up to 10 pictures.

Shutter button   Shutter button

● When shooting, be sure to have the edges (right/left/top/bottom) of images overlap, so you will know which pictures should be connected.

5 **Press ⑩ to finish panorama shooting.**
● Frames on the edges of the screen disappear, and the camera returns to the normal shooting mode.

●●●●●●●●●●●●●●●●●●●●●●●● **⊘Note** ●●●●●●●●●●●●●●●●●●●●●●●●

● During panorama shooting, the flash is disabled.
● The limit for Panorama shooting is 10 pictures. If you take 10 pictures, a warning screen appears and no more pictures can be taken.

● Panorama shooting is only available using cards with panorama function.
● The camera itself cannot connect panorama pictures. To connect each picture, the CAMEDIA Master software is necessary.
● Your computer's memory may be insufficient if you take too many panorama pictures in the HQ/SHQ modes.
● Images are saved in JPEG format when panorama shooting is done in the TIFF mode. The size of the image does not change.
● If the mode dial is moved during panorama shooting, the camera cancels the panorama mode and returns to normal shooting.

Taking two-in-one pictures

Allows you to combine two pictures taken in succession and store them as a single picture.

Mode dial setting

1 **In the top menu, select MODE MENU → CAMERA → 2 IN 1.**
 ☞ **"How to use the menu" (P. 39)**

2 **Press ▷.**
 ● The two-in-one picture mode is set.

3 **Take the first shot.**
 ● The subject will be on the left in the combined image.

P F2.8 1/800 0.0
1'st
HQ

4 **Take the second shot in succession.**
 ● The subject will be on the right in the combined image.

P F2.8 1/800 0.0
2'nd
HQ

TIPS

● **How to cancel the two-in-one picture mode**
 → To cancel the two-in-one picture mode after taking the first shot, press ⏻. The first shot will not be stored.

Note

● Sequential shooting is disabled in the two-in-one picture mode.
● Two-in-one pictures are saved in SHQ in the TIFF record mode.
● Panorama shooting and auto bracketing are not available.

Record Mode

Selecting Record Modes

Choose the best record mode for your purposes (printing, editing on a computer, web-site editing, etc.). To see how large the card's memory capacity is under various conditions (such as different resolutions, compressions, or file formats), refer to the table on page 80. The numbers in the table are approximate.

Record mode	Description	Quality	File size
TIFF	The highest-quality mode. Images are saved as uncompressed data, which is the best for printing or image-processing on a computer.	More clear ↑	Larger ↑
SHQ	A high quality mode using the JPEG format. Because the compression rate is very low, high quality images can be stored.		
HQ	A high quality mode using the JPEG format, with medium compression. Because the compression rate is higher than SHQ, file sizes are smaller, so more images can be saved to a card.		
SQ1 SQ2	The most compressed modes. SQ2 has 3 resolutions available. Select the setting most suitable to your application (printing, Web pages, etc.).	↓ Normal	↓ Smaller

Adjusting image quality and exposure —— Chapter 6

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Still Picture Record Modes　　　The memory capacity listed here is approximate.

Record mode	Resolution	Compression	File format	Memory capacity in # of shots	
				16MB	32MB
TIFF	1984x1488	Uncompressed	TIFF	1	3
SHQ	1984x1488	Low compression	JPEG	7	14
HQ	1984x1488	Normal		21	43
SQ1	1600x1200			24	49
SQ2	1280x960			26	52
	1024x768			39	79
	640x480			99	199

Movie Record Modes
Memory capacity in sec. per movie

Record mode	Resolution	16MB or over
HQ	320x240 (15 frames/sec.)	16
SQ	160x120 (15 frames/sec.)	70

● When the mode dial is set to ♔ , the total recording time is displayed on-screen. Total recording time depends on the memory capacity of the card.

Chapter 6

Mode dial setting | AUTO 🏠 ✶ ◑ 🎥

1 **AUTO 🏠 ✶ ◑ : In the top menu, select ◁▓ → SHQ, HQ, SQ1 or SQ2.**
  ● In these shooting modes, resolution cannot be selected. SQ2: 640 x 480

  🎥 **: In the top menu, select ◁▓ → HQ or SQ.**

☞ **"How to use the menu" (P. 39)**

2 **Press 🖲 .**

Mode dial setting | P/A/S/M My?

1 **In the top menu, select MODE MENU → PICTURE → ◁▓ , then press ▷ .** ☞ **"How to use the menu" (P. 39)**
  ● When ◁▓ is displayed on the top menu, press △, ◁ or ▽ according to the arrow shown next to ◁▓ . This allows you to set ◁▓ directly instead of via MODE MENU.

2 **Press △▽ to select the desired record mode (refer to the table on the previous page).**
  When you have chosen SQ2: Press ▷ to select the resolution. Go to step 3.
  When you have selected any other record mode: Go to step 4.

3 **Press △▽ to select the resolution (refer to the table on the previous page).**

4 **Press 🖲 to save the setting.**

Factory default setting: HQ

P F2.8 1/800 0.0

Number of storable still pictures

HQ — Record mode

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Chapter 6

⚙️ **TIPS**

● **Resolution:**
The number of pixels (vertical x horizontal) used when saving an image. If the image will be printed, higher resolutions (larger numbers) are recommended so that the image will be clearer. However, higher resolutions make the file size (amount of data) larger, so less pictures can be saved to a card.

● **Resolution and picture size on a computer screen:**
When a picture is transferred to a computer, the size of the picture on the computer screen varies depending on the computer's monitor setting. For instance, a picture taken in 640x480 resolution is the same size as the screen if you set the picture to 1x when the monitor setting is 640x480. However, if the monitor setting is over 640x480 (such as 1024x768), the picture only takes up part of the screen.

● **Compression rate:**
In record modes other than TIFF, image data is compressed. The higher the compression rate, the less clear the image will be.

● **File format (P. 80):**
This camera saves images with either TIFF or JPEG formats. In record modes other than TIFF, images are compressed in the JPEG format. The compression rate also varies in each mode (movies: Motion JPEG (mov) format).

•••••••••••••••••••••••• ✅ **Note** ••••••••••••••••••••••••

● The card memory capacity listed in the table is approximate (P. 80).
● The number of storable pictures differs depending on the record mode, the card's memory size and whether or not Print reserve is applied for the card.
● The number of storable pictures may not be reduced every time a picture is taken, or increased when a picture is erased. The amount of data varies depending on the subject.
● Areas using PAL (P. 145) → If movie pictures are shot with the video cable connected, the maximum recording time may be different from the table on page 80.

ISO Sensitivity

The higher the ISO value, the greater the camera's light sensitivity and the better its ability to shoot in low-light conditions. However, higher values also introduce electrical noise into the resulting image, which may make give them a grainy appearance.

Mode dial setting | **P/A/S/M** | **My** | **☺**

P/A/S/M My : **In the top menu, select MODE MENU → CAMERA → ISO. Select the most suitable ISO from the options listed below. Press ⊛ . Press again to cancel the menu.**
- When ISO is displayed on the top menu, press △, ◁ or ▽ according to the arrow shown next to ISO. This allows you to set ISO directly instead of via MODE MENU.

☺ : **In the top menu, select MODE MENU → CAMERA → ISO. Select the most suitable ISO from the options listed below. Press ⊛ . Press again to cancel the menu.**

☞ **"How to use the menu" (P. 39)**

AUTO : Sensitivity is automatically adjusted according to the lighting conditions and the subject brightness.

100/200/400 : 100 is best when you want to shoot clear, sharp images in daylight. With a higher ISO setting, you can use faster shutter speeds with the same amount of light.

ISO
When ISO is set to AUTO, this does not appear.

Chapter 6

Modes & ISO Sensitivity

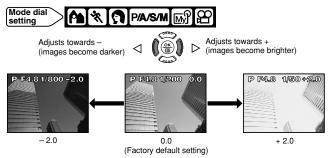| Mode ISO	P/A/S/M				🖼*	🎥
	P	A	S	M		
AUTO	√	–			√	√
100	√	√			√	√
200	√	√			√	√
400	√	√			√	√

√: Available, – : Not available ☐ : Factory default setting

* The factory default setting and the available settings differ depending on which shooting mode is selected. See the P/A/S/M column.

• **Note** •

- Higher ISO settings can produce more electrical noise.
- ISO is standardized based on the sensitivity of normal camera film. The scale is approximate.
- When ISO is set to AUTO and you are shooting in dark conditions without a flash, ISO automatically increases; otherwise the shutter speed will be reduced, possibly resulting in blurred images due to camera movement.
- If a subject is too far away for the flash illumination to reach it when the ISO is set to AUTO, the ISO is automatically increased.

Exposure Compensation

This function allows you to make fine changes to the present exposure setting. In some situations, you may get better results when the exposure that the camera sets is compensated (adjusted) manually. You can adjust between +/–2.0 in 1/3 steps. When the setting is changed, you can check the result on the monitor.

Mode dial setting 🏠 🏃 👤 P/A/S/M 📷 🎬

Adjusts towards –
(images become darker) ◁ ▷ Adjusts towards +
(images become brighter)

| P F4.8 1/800 –2.0 | P F4.8 1/200 0.0 | P F4.8 1/50 +2.0 |

– 2.0   0.0   + 2.0
(Factory default setting)

Modes & Exposure Compensation

🏠	🏃	👤	P/A/S/M				📷	🎬
			P	A	S	M		
Available						–	Only in P, A or S.	Available

🔆 TIPS

● Often, bright subjects (such as snow) will turn out darker than their natural colors. Adjusting towards "+" makes these subjects closer to their real shades. For the same reason, adjust towards "–" when shooting dark subjects.

White Balance

hapter 6

Color reproduction differs depending on the lighting conditions. For instance, when daylight, the setting sun, or indoor lighting are reflected on white paper, the shade of white produced will be slightly different for each. By setting the WB (white balance), you can achieve more natural-looking color. You can also preview different color tones by trying the different settings under the actual light source, and checking the result on the viewfinder/monitor.

Mode dial setting **P/A/S/M** 🗠ᵖ 🎬

P/A/S/M 🗠ᵖ **: In the top menu, select MODE MENU → PICTURE → WB, then select the best WB (AUTO, ☀ , ☁ , ☼ , 🗮) for your shooting conditions. Press 🗐 . Press again to cancel the menu.**
- When WB is displayed on the top menu, press △, ◁ or ▽ according to the arrow shown next to WB. This allows you to set WB directly instead of via MODE MENU.

🎬 **: In the top menu, select WB → AUTO, ☀ , ☁ , ☼ or 🗮 .**

☞ **"How to use the menu" (P. 39)**

AUTO: Automatically adjusts the white balance for any light source.

☀ : Adjusts the white balance for shooting on a sunny day.

☁ : Adjusts the white balance for shooting on a cloudy day.

☼ : Adjusts the white balance for shooting under tungsten light.

🗮 : Adjusts the white balance for shooting under fluorescent light.

Factory default setting: AUTO

White balance
When white balance is set to AUTO, this does not appear.

•••••••••••••••••••••••• **Note** ••••••••••••••••••••••••

- Set white balance to AUTO for normal shooting.
- White balance may not be effective under certain light sources.
- After setting the white balance, playback the image and check the color on the monitor.

Sharpness

This function adjusts the sharpness of images. You can select one of the following three options:

NORMAL : Image outlines are sharp. This makes it ideal for printing.
SOFT : Image outlines are softer. This makes it ideal for editing images on a computer.
HARD : The outlines of images are more emphasized, and the images look more vivid. However, noise may appear.

Mode dial setting **P/A/S/M** **My**

In the top menu, select MODE MENU → PICTURE → SHARPNESS → select a mode. Press 🔘 . Press again to cancel the menu. ☞ "How to use the menu" (P. 39)

Contrast

This function adjusts the contrast of images.
For example, images with strong differences in light and shadow can become milder, while those with weaker differences can become more vivid. You can select one of the following three options:

HIGH : This produces light and shade clearly, and the images are clear and crisp.
LOW : Images become softer with mild contrast. This makes it ideal for editing images on a computer.
NORMAL : Between HIGH and LOW.

Mode dial setting **P/A/S/M** **My**

In the top menu, select MODE MENU → PICTURE → CONTRAST → select a mode. Press 🔘 . Press again to cancel the menu. ☞ "How to use the menu" (P. 39)

Playing Back Still Pictures

Single-Frame Playback

Plays back one picture.

Mode dial setting ▸ ▶

1 **Set the mode dial to ▶ (playback mode) and press the POWER switch.**
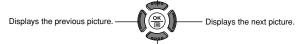 ● The monitor turns on and displays the last picture taken.

2 **Use the arrow pad to play back other pictures.**
 ● The ☒ mark is attached to pictures from movies. ☞ "Playing Back Movies" on page 90.

Jumps to the picture 10 frames behind.

Displays the previous picture. ────── Displays the next picture.

Jumps to the picture 10 frames ahead.

Quick View

This function lets you play back pictures while the camera is in the shooting mode. This is useful when you want to check shooting results quickly. Every picture and function available in playback mode is also available in Quick View.

Mode dial setting ▸ **AUTO** 🏠 🏃 😊 **P/A/S/M** 📷 📽

1 **Press 🖵 (monitor button) twice quickly (double-click) while in the shooting mode.**
 ● The monitor turns on and displays the last picture taken.
 ● To play back other pictures, use the arrow pad in the same way as single-frame playback.

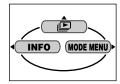2 **To return to shooting, press the shutter button halfway.**

Slide-Show

This function displays pictures from the card one after another, as if you are watching a slide-show. Movies are played back like still pictures, starting from the first frame.

Mode dial setting ▶ ▶

1 **Display a still picture. Then, press 🔘 to display the top menu.**

Playback top menu (still pictures)

◀ **INFO** **MODE MENU** ▶

2 **Press △ to start the slide-show.**

3 **Press 🔘 to stop the slide-show.**

·························· **Note** ··························

- Use of the optional AC adapter is recommended when running a slide-show for long periods of time. If batteries are being used, the camera will end the slide-show after about 30 minutes and enter sleep mode.
- The slide-show will not stop until you cancel it by pressing 🔘 .

Playing Back Movies — MOVIE PLAY

This function lets you play back or edit movies.

Mode dial setting ▷ ▶

1 Use the arrow pad to select a picture with 𝄞 .

100-0020

'04.12.23 21:56
20

2 Press 🔘 to display the top menu.

Playback top menu (movies)

▲
(MOVIE PLAY)
◀ (INFO) (MODE MENU) ▶

3 Press △.
● The MOVIE PLAY screen is displayed.

MOVIE PLAY screen

MOVIE PLAY

(MOVIE PLAYBACK)

(INDEX)

CANCEL◆ SELECT◆ GO▶ OK

MOVIE PLAYBACK:
Plays back movies (P. 91).
INDEX:
Displays movies as indexes of 9 still frames (P. 92).

4 Select the item on the MOVIE PLAY screen that you need, then press 🔘 .
● See the following pages for how to use each item on the MOVIE PLAY screen.

•••••••••••••••••••••••••• 🔵 **Note** ••••••••••••••••••••••••••

● When playing back a movie, access time will vary depending on the length and record mode of the movie. The card access lamp blinks while movie data is being accessed.

MOVIE PLAYBACK

Plays back movies.

Mode dial setting ▶

1 Follow steps 1-3 on page 90.

2 Press △▽ to select MOVIE PLAYBACK on the MOVIE PLAY screen.

3 Press ⊛ to start playback.
● When movie playback ends, the display automatically returns to the beginning of the movie.

4 Press ⊛ .
● The MOVIE PLAYBACK screen is displayed.

MOVIE PLAYBACK screen

```
    MOVIE PLAYBACK
     PLAYBACK
   FRAME BY FRAME
       EXIT
 SELECT◆⬍      GO◆OK
```

PLAYBACK:
Plays back the entire movie.
FRAME BY FRAME:
Plays back the movie manually one frame at a time.
EXIT:
To play back other movies, exit the movie playback mode and select a different movie.

5 Press △▽ to select items.

6 Press ⊛ to start your choice.
● When FRAME BY FRAME is selected, follow the instructions below.
● When EXIT is selected, the MOVIE PLAY screen appears. To exit, press ◁.

■ **Displaying movies using the arrow pad**
△: Displays the beginning of the movie.
▽: Displays the end of the movie.
▷: Every time you press the button, the next frame appears. The movie can be displayed continuously by holding the button down.
◁: Every time you press the button, the previous frame appears. The movie can be displayed continuously in reverse by holding the button down.
⊛: Displays the MOVIE PLAYBACK screen.

● ● ●

Chapter 7

INDEX

Movies can be displayed as indexes of still frames. Indexes can be saved on the card as still pictures. Indexes are not stored in the same record mode as movies (see below).

Record mode when the movie is shot	Record mode when stored as an index
HQ	SQ2 (1024x768)
SQ	SQ2 (640x480)

Mode dial setting ▶ ▶

---

1 Follow steps 1-3 on page 90.

---

2 Press △▽ to select INDEX on the MOVIE PLAY screen.

● The INDEX screen appears.

● The card access lamp blinks while the movie is being accessed.

● "[!] CARD FULL" (P. 133) appears if there is not enough memory left on the card to display the index.

INDEX screen

INDEX
OK
CANCEL
SELECT▶⬍   GO▶OK

---

3 Press △▽ to select OK or CANCEL

OK : Saves the index on the card.

CANCEL : Cancels the index.

Chapter 7
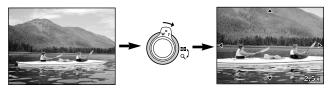
4 **Press ⊛ to run the selected movie.**

● When OK is selected, the MOVIE PLAY screen appears. To exit, press ◁.

•••••••••••••••••••••••••• ⊘**Note** ••••••••••••••••••••••••••

● The interval between automatically selected frames varies depending on the recording time of the movie.

● Each index consists of 9 frames.

● INDEX is not available when "⬚ CARD FULL" appears (indicating insufficient memory).

Close-up Playback

Pictures displayed on the monitor can be enlarged. Each time you turn the zoom lever towards T, pictures are enlarged by 1.5, 2, 2.5 or 3 times.

Mode dial setting ▶

1 **With the arrow pad, select the picture you want to enlarge.**
● Pictures with the 🎞 mark cannot be enlarged.

2 **Turn the zoom lever toward T (🔍).**
● When a picture is enlarged, ◀/▶/▲/▼ are displayed. Press the arrow corresponding to the direction you want to view. The enlarged picture is shifted in the desired direction, allowing you to view a different portion of the image.

🔆 TIPS

● **How to return the picture to the original size (1x)**
  → Turn the zoom lever to W.
● **How to display another picture**
  → Turn the zoom lever to W to return to 1x, then select the desired picture by using the arrow pad.

·················· **✐ Note** ··················

● If picture rotation is attempted during close-up playback, close-up playback is canceled.

Picture Rotation

There may be times when you want to rotate a picture. For example, pictures taken with the camera held vertically are also oriented vertically (i.e. longer vertically than horizontally). With picture rotation, you can turn them horizontally, 90 degrees clockwise, or counter-clockwise.
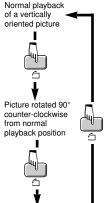
Mode dial setting ▶ ▶

1 **Display a vertically oriented picture in the single-frame playback mode (P. 88).**

Normal playback of a vertically oriented picture

2 **Each time the 🔄 button is pressed, the picture is rotated as shown.**

Picture rotated 90° counter-clockwise from normal playback position

Picture rotated 90° clockwise from normal playback position
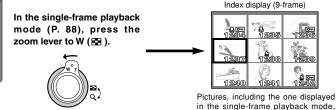
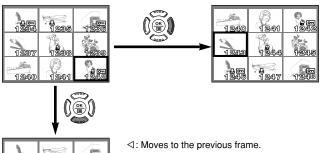···················· **Note** ····················

- Movie pictures cannot be rotated.
- New picture orientations are saved even when the power is turned off.
- Close-up playback is possible after pictures are rotated. However, pictures cannot be rotated while in close-up playback (P. 94).
- The following pictures cannot be rotated:
  Protected pictures; Pictures taken with other cameras.

Index Display

Chapter 7

This function lets you show many pictures at the same time on the monitor. It is useful for comparing your pictures and choosing the best ones. The number of pictures shown can be 4, 9, or 16 (see the next page).

In the single-frame playback mode (P. 88), press the zoom lever to W ( ).

Index display (9-frame)

Pictures, including the one displayed in the single-frame playback mode, appear in the index display.

■ **How to use the arrow pad during an index display**

◁: Moves to the previous frame.
▷: Moves to the next frame.
△: Jumps to the previous index display (the frames before the top left frame).
▽: Jumps to the next index display (the frames following the bottom right frame).

> 💡 **TIPS**

● **How to view a full-size picture from the index**
→ Select the picture with the arrow pad, then press the zoom lever toward T.

Selecting the Number of Pictures

This function lets you change the number of pictures in an index display.

Mode dial
setting ▶ ▶

1 **In the top menu, select MODE MENU → SETUP → ⊞ .**
☞ **"How to use the menu" (P. 39)**

2 **Choose the number of pictures (4, 9 or 16) and press ⊛ . Press again to cancel the menu.**

Index display (4-frame)

Editing still pictures

Allows you to edit still pictures and save them as new ones.

BLACK&WHITE : Creates black and white pictures.
SEPIA : Creates sepia-toned pictures.
▣ : Changes picture dimensions to 640 x 480 or 320 x 240 and saves the picture as a new file. Use this function to make the image file size smaller needed for instances such as attaching the picture to e-mail.

Mode dial
setting ▶

1 **Use the arrow pad to select the still picture you want to edit.**

2 **In the top menu, select MODE MENU → EDIT → select an item.**
☞ **"How to use the menu" (P. 39)**
- When selecting BLACK&WHITE : See below.
- When selecting ▣ : P. 99

Creating black & white or sepia-toned pictures

Mode dial
setting ▶

1 **Perform steps 1 and 2 above.**

2 **Press ▷.**
- When BLACK&WHITE is selected, the BLACK&WHITE screen appears. When SEPIA is selected, the SEPIA screen appears.

BLACK&WHITE screen

BLACK & WHITE
BLACK & WHITE
CANCEL
EXIT◆⬛ SELECT◆➕ GO◆OK

BLACK & WHITE/SEPIA:
Converts pictures to black & white or sepia and saves them as new files on the card.
CANCEL:
Cancels black and white conversion. To edit other pictures instead, select this item.

3 **Press △▽ to select BLACK & WHITE/SEPIA and press ⊛ to edit.**
- A bar is displayed to show editing progress and the screen returns to normal display.
- "⬛ CARD FULL" (P. 133) appears if there is not enough memory left on the card to save the resulting image.

·················· ✅**Note** ··············

● BLACK & WHITE/SEPIA is not available in the following situations.
  – Movie
  – When "⚠ CARD FULL" (P. 133) appears (indicating there is no memory left) to save the resulting image.
  – Pictures recorded in TIFF.

Resizing pictures

Mode dial
setting ▶ ◻▶

1 **Perform steps 1 and 2 of "Editing still pictures" on the previous page.**

2 **Press ▷.**
  ● The ▣ screen appears.

    ▣ screen

    | 640 x 480 |
    | 320 x 240 |
    | CANCEL |

    EXIT ▪ ◻   SELECT ▶ ◻   GO ▶ ◻

    640 x 480/320 x 240:
    File sizes used when storing pictures as new ones.
    CANCEL:
    Cancels resizing pictures. To edit other pictures instead, select this item. The screen returns to normal playback.

3 **Press △▽ to select the file size and press ⊛ to edit.**
  ● A bar is displayed to show editing progress and the screen returns to normal display.
  ● "⚠ CARD FULL" (P. 133) appears if there is not enough memory left on the card to save the resulting image.

·················· ✅**Note** ··············

● In the following cases, ▣ is not available:
  – Movie
  – Pictures processed on a PC
  – When "⚠ CARD FULL" appears (indicating there is no memory left).
  – If the size of the selected picture is 640 x 480, 640 x 480 is not available.
  – Pictures recorded in TIFF.

Protect

It is highly recommended that you protect important pictures to avoid accidentally erasing them. Protected pictures cannot be erased by the single-frame/all-frame erase function.

Mode dial setting ▶

1 **Display the picture you want to protect by using the arrow pad.**

2 **Press ⚷ . The picture is now protected.**
   ● To cancel protection, press ⚷ again.

Displayed when a picture is protected.

•••••••••••••••••••••••••• *Note* ••••••••••••••••••••••••••

● Protected pictures cannot be deleted with the ⌦ ALL ERASE (all-frame erase) function, but they can be deleted with the ⊞ FORMAT (format) function.

Erasing Pictures

Recorded pictures can also be erased. This can be done either one frame at a time or to all the pictures in the card.

.... **⊘ Note** ....

● You cannot erase protected pictures.
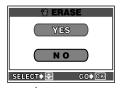● Once erased, pictures cannot be restored.

Single-Frame Erase

This function only erases the picture displayed on the monitor. Erasing further pictures must be done one-by-one if using this function.

Mode dial setting	▶

1 **Select a picture you wish to erase by using the arrow pad.**
   ● If the picture is protected, cancel the protection first (P. 100).

2 **Press the 🗑 (erase) button.**
   ● The 🗑 ERASE screen is displayed.

🗑 ERASE screen

3 **Press △ to select YES.**

4 **Press 🖲 to erase the picture.**
   ● To cancel erasing, select NO in step 3 and press 🖲 , or press the 🗑 button again.

●●●

Chapter 7

All-Frame Erase

This function erases all still pictures and movies on the card, except protected ones (P. 100).
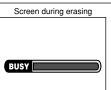
Mode dial
setting ▶

1 **In the top menu, select MODE MENU → CARD → CARD SETUP → 🗑 ALL ERASE.** ☞ **"How to use the menu" (P. 39)**

2 **Press 🖲 .**
● The 🗑 ALL ERASE screen is displayed.

```
          🗑 ALL ERASE
     ┌────────────────┐
     │      YES       │
     └────────────────┘
     ┌────────────────┐
     │      N O       │
     └────────────────┘
  SELECT▶ 🔼          GO▶ OK
```
🗑 ALL ERASE screen

3 **Press △ to select YES.**

4 **Press 🖲 to start erasing.**
● A bar is displayed to show the progress of erasing.
● To cancel erasing, select NO in step 3 and press 🖲 .

Screen during erasing

```
  ┌──────────────────┐
  │                  │
  │                  │
  │                  │
  │ BUSY ▬▬▬▬▬▬▬▬▬   │
  │                  │
  └──────────────────┘
```
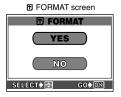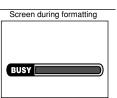
Formatting Cards

This function lets you format a card. Formatting prepares cards to receive data. Olympus CAMEDIA-brand cards are highly recommended for use with this camera. If you are going to use non-OLYMPUS cards or cards formatted by other devices such as a computer, you must format them with the camera before use. Cards can be formatted in all modes.

Mode dial setting ▶ AUTO 🄰 ✴ 🄰 P/A/S/M My 🎦 ▶

1 **AUTO : In the top menu, select CARD SETUP → 🄱 FORMAT.**
   Modes except AUTO : In the top menu, select MODE MENU → CARD
   → CARD SETUP → 🄱 FORMAT. ☞ **"How to use the menu" (P. 39)**

2 **Press 🔘 .**
   ● The 🄱 FORMAT screen is displayed.

   🄱 FORMAT screen

   ```
   🄱 FORMAT
        YES
         NO
   SELECT▶⬍      GO▶OK
   ```

3 **Press △ to select YES.**

4 **Press 🔘 to start formatting.**
   ● A bar is displayed to show the progress of formatting.
   ● To cancel formatting, select NO in step 3 and press 🔘 .

   Screen during formatting

   ```
   BUSY ▭▭▭
   ```

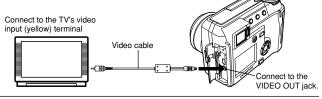•••••••••••••••••••••••••••• 🗨 **Note** ••••••••••••••••••••••••••••

● All existing data stored on the card is erased when the card is formatted. Make sure that you save or transfer important data to a PC before formatting a used card.
● Recording time may be longer with non-OLYMPUS cards and computer-formatted cards. In such cases, re-formatting with the camera is recommended.

Playback on a TV

Use the provided video cable to play back recorded images on your TV.

Mode dial setting ▶

1 **Make sure that the TV and camera power are off .**

2 **Connect the camera to the TV using the video cable.**

Connect to the TV's video input (yellow) terminal

Video cable

Connect to the VIDEO OUT jack.

3 **Set the mode dial to ▶ and press the POWER switch. Turn on the TV. Set the TV to the video input mode.**
  ● For details on switching to video input, refer to your TV's instruction manual.

4 **Select an image by using the arrow pad.**
  ● The selected image will be displayed on the TV.

☼ TIPS

● **The optional AC adapter is recommended when using the camera with a TV.**
● **Video signal is either NTSC or PAL compatible depending on the standard in the intended area of distribution.**

·························· ✐ **Note** ··························

● The camera's monitor turns off automatically when the camera is connected to a TV.
● The image may appear off-center on the TV screen. This is due to the TV's adjustment settings.
● When images are compressed in order to fit the entire image on a TV screen, a black frame is placed in the blank parts of the screen around the image. If the image is output to a video printer via the TV, the black frame may be printed.

All reset
— Saving the camera's settings

This function lets you save the current camera settings when the power is turned off. Available functions for ALL RESET are listed on the next page.
The ALL RESET setting (ON/OFF) applies to all the modes. If ALL RESET is set in one mode, this setting applies to all the other modes, both shooting and playback.

ON All settings are returned to the factory default settings after the power is turned off.

   Ex: When ALL RESET is set to ON, even if you change the record mode setting to SQ1, it will return to HQ (factory default setting) next time the camera is turned on.

OFF The settings made before the power is turned off are saved.

Mode dial setting 🏠 🏃 👤 P/A/S/M My? 🎥 ▶

In the top menu, select MODE MENU →SETUP →ALL RESET → ON or OFF, and press ⓘ. Press again to cancel the menu. ☞ "How to use the menu" (P. 39)

Factory default setting: ON
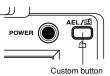
ALL RESET: Functions that reset to factory default settings when set to ON

Setting	Factory default setting
P/A/S/M (P. 45 – 47)	P
FNo (P. 48, 50)	F2.8
SHUTTER (P. 49)	1/500
⊡ (P. 85)	±0
ZOOM (P. 60)	40mm
FLASH MODE (P. 61)	AUTO
▣/🌣 (P. 66)	OFF
DRIVE (P. 72)	▭

Setting	Factory default setting
ISO (P. 83)	AUTO
⚡️ (P. 65)	±0
DIGITAL ZOOM (P. 60)	OFF
◁🔅 (for still pictures) (P. 80)	HQ
WB (P. 86)	AUTO
SHARPNESS (P. 87)	NORMAL
CONTRAST (P. 87)	NORMAL

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Custom Button

Menu items listed in the table below can be set to the custom button on the camera. This makes it easy to jump to frequently-used functions by pressing only one button. The factory default setting is "AE LOCK".

Custom button

Available Items	Settings
AE LOCK (P. 67) **(factory default setting)**	–
INFO (P. 114)	OFF, ON
ISO sensitivity (P. 83)	AUTO, 100, 200, 400
P/A/S/M (P. 45 – 47)	P, A, S, M
Digital zoom (P. 60)	OFF, ON
Record mode (P. 79)	TIFF, SHQ, HQ, SQ1, SQ2
White balance (P. 86)	AUTO, ☀ (daylight), ☁ (overcast), ☼ (tungsten light), 艸 (fluorescent)

Setting the Custom Button

Mode dial setting | P/A/S/M | My⊙

1 **In the top menu, select MODE MENU → SETUP → CUSTOM BUTTON. Press ▷.** ☞ **"How to use the menu" (P. 39)**
● The CUSTOM BUTTON screen appears.

2 **Select the function you want by using △▽, then press ⚫ to save your setting.**

CUSTOM BUTTON screen

CUSTOM BUTTON
AE LOCK
INFO
ISO
P/A/S/M
SELECT◆ GO◆OK

Chapter 8

Using the Custom Button

Mode dial setting **P/A/S/M** **My**
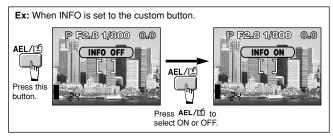
1 **Press the AEL/⌷ (custom) button.**
- The function currently set to the custom button appears.

2 **Set following the below:**

Ex: When INFO is set to the custom button.

AEL/⌷

Press this button.

P F2.8 1/800 0.0

INFO OFF

→ AEL/⌷

Press **AEL/⌷** to select ON or OFF.

P F2.8 1/800 0.0

INFO ON

TIPS
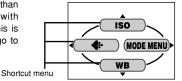
- **To use AE LOCK after setting a different function to the custom button:**
  → AE lock cannot be used when a different function is set to the custom button. Re-set AE LOCK to the custom button by following "Setting the Custom Button" on page 106.

⊘ Note

- You cannot set the custom button separately for **P/A/S/M** and **My** .

Shortcut
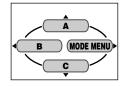
Functions on the top menu other than MODE MENU can be replaced with those listed in the table below. This is useful when you want to quickly go to frequently-used functions.

Shortcut menu

Available Menu Items	Settings
ISO (P. 83)	AUTO, 100, 200, 400
P/A/S/M (P. 45 – 47)	P, A, S, M
🔂 **(P. 65)**	–2 – ±0 – +2
BKT (P. 73)	±0.3/±0.7/±1.0, x3/x5
DIGITAL ZOOM (P. 60)	OFF, ON
PANORAMA (P. 76)	–
2 IN 1 (P. 78)	–
🔲 **(for still pictures) (P. 80)**	TIFF, SHQ, HQ, SQ1, SQ2
WB (P. 86)	AUTO, ☀ (daylight), ☁ (overcast), 💡 (tungsten light), 🔆 (fluorescent)
SHARPNESS (P. 87)	HARD, NORMAL, SOFT
CONTRAST (P. 87)	HIGH, NORMAL, LOW

Setting the Shortcut Menu

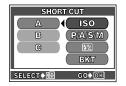Assign settings to the A, B and C positions on the top menu.

```
        ▲
      ┌───┐
      │ A │
  ◄ ┌───┐   ┌─────────┐ ►
    │ B │   │MODE MENU│
      └───┘   └─────────┘
      │ C │
      └───┘
        ▼
```

| Mode dial setting | P/A/S/M | Myꝑ |
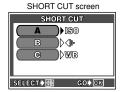
1 **In the top menu, select MODE MENU → SETUP → SHORT CUT. Press ▷.**
   ☞ **"How to use the menu" (P. 39)**
   ● The SHORT CUT screen appears.
   ● The A, B, and C positions on the monitor are the same as the top, left, and bottom on the top menu.

SHORT CUT screen

```
┌──────────────────────┐
│      SHORT CUT       │
│ ┌───┐                │
│ │ A │ ▷ ISO          │
│ ┌───┐                │
│ │ B │ ▷ ⟨🔅          │
│ ┌───┐                │
│ │ C │ ▷ WB           │
│ SELECT◆🔲    GO◆OK   │
└──────────────────────┘
```

2 **Select A, then press ▷ to display the menu functions on page 108.**

```
┌──────────────────────┐
│      SHORT CUT       │
│ ┌───┐  ┌──────────┐  │
│ │ A │ ◀│   ISO    │  │
│ ┌───┐  │ P/A/S/M  │  │
│ │ B │  │   🔅     │  │
│ ┌───┐  │   BKT    │  │
│ │ C │  └──────────┘  │
│ SELECT◆🔲    GO◆OK   │
└──────────────────────┘
```
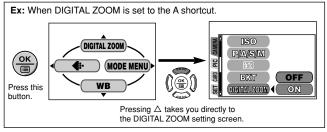
3 **Select the item you want by pressing △▽, then press ⓢ to save your setting.**
   ● Repeat Steps 2 and 3 to set B and C.

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●●●

Chapter 8

Using the Shortcut Menu

| Mode dial setting | P/A/S/M | My |

1 Press 🔘 to display the top menu.
- The shortcut menu you set before is shown on the top menu.

2 Press the arrow pad according to the arrow (▲◀▼) shown next to each item.
- The monitor jumps directly to the setting screen of that item.

Ex: When DIGITAL ZOOM is set to the A shortcut.

Press this button.

Pressing △ takes you directly to the DIGITAL ZOOM setting screen.

Factory default setting: A: ISO
B: ◀▦▶
C: WB

MY MODE SETUP

Your favorite settings can be saved in MY MODE SETUP. When the mode dial is set to ⌐ⓜ, your customized settings are activated. When the camera is in the P/A/S/M mode, you can also save some of the settings you are using in MY MODE SETUP.

The settings affected by MY MODE SETUP are listed on P. 113.

Mode dial setting | **P/A/S/M** | **⌐ⓜ**

1 In the top menu, select MODE MENU → SETUP → MY MODE SETUP. Press ▷. ☞ "How to use the menu" (P. 39)
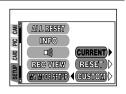
2 Press △▽ to select the item you want (see below), then press ▷.

CURRENT : Saves the settings you are using now. Go to step 3.
RESET : Restores the factory default settings. Go to step 3.
CUSTOM : Saves settings one by one. Go to step 4.
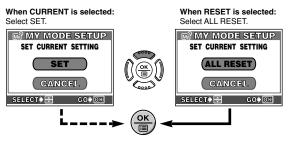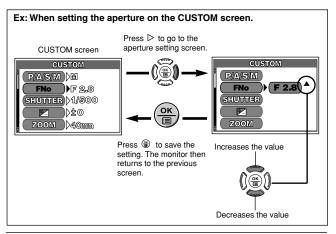
3 Set CURRENT or RESET on each MY MODE SETUP screen. After selecting the setting, press 🔘. Go to step 7.

● To cancel the setting, select CANCEL.

When CURRENT is selected:
Select SET.

When RESET is selected:
Select ALL RESET.

●●●

Chapter 8

4 Set CUSTOM on the CUSTOM screen. Press △▽ to select the functions you want, then press ▷.

5 Select the setting within the function by using △▽, then press ⊛.
● Repeat Steps 4 and 5 to change other functions.

Ex: When setting the aperture on the CUSTOM screen.

CUSTOM screen

Press ▷ to go to the aperture setting screen.

CUSTOM
P/A/S/M ▷M
FNo ▷F 2.8
SHUTTER ▷1/500
⊠ ▷±0
ZOOM ▷40㎜

CUSTOM
P/A/S/M
FNo ▷ F 2.8 ▲
SHUTTER
⊠
ZOOM

Press ⊛ to save the setting. The monitor then returns to the previous screen.

Increases the value

Decreases the value

---

6 When you have made all the settings you want, press ⊛ to exit from the CUSTOM screen. Custom setting registration is complete.
● The menu displayed in step 2 appears.

7 Press ⊛ to return to item selection. Press ⊛ again to exit the menu.

Available Items and Factory Default Settings

Setting	Factory default setting
P/A/S/M (P. 45 – 47)	P
FNo (P. 48, 50)	F2.8
SHUTTER (P. 49)	1/500
▨ (P. 85)	±0
ZOOM*1 (P. 60)	40mm
FLASH MODE (P. 61)	AUTO
▣/♨ (P. 66)	OFF
DRIVE (P. 72)	▢
ISO (P. 83)	AUTO

Setting	Factory default setting
▨ (P. 65)	±0
DIGITAL ZOOM (P. 60)	OFF
◈ (for still pictures) (P. 80)	HQ
WB (P. 86)	AUTO
SHARPNESS (P. 87)	NORMAL
CONTRAST (P. 87)	NORMAL
LCD*2	ON

*1 In the ▥ mode, available zoom positions are 40mm/100mm/180mm/250mm/320mm (these numbers are based on a 35 mm camera).

*2 This sets the monitor's ON/OFF when the camera is turned on.

•••••••••••••••••••••••••••• 🅞**Note** ••••••••••••••••••••••••••••

● When you save settings in CURRENT, the saved zoom position may differ from the zoom position you are using. The zoom position is set to one of the 5 zoom positions included in ZOOM (function included in CUSTOM). The value closest to the current zoom position will be selected.

● When the camera enters then leaves the sleep mode under the ▥ mode, changed settings may not be maintained.

Information display

Lets you select the amount of shooting information displayed in the shooting or playback mode. When it is set to OFF, only a small amount of information is displayed. For details on each piece of information displayed, see pages 12 to 15.

Mode dial setting **P/A/S/M** 🖸ᵐ 🄸 ►

P/A/S/M 🖸ᵐ 🄸 : In the top menu, select MODE MENU → SETUP → INFO → ON. Press 🔘 . Press again to cancel the menu.
► : Press 🔘 to display the top menu. Pressing ◁ turns INFO on.

☞ **"How to use the menu" (P. 39)**

- All shooting information is displayed.
- To turn INFO off in the playback mode, press 🔘 again to bring up the top menu and press ◁ .

When INFO is OFF

When INFO is ON

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Monitor brightness adjustment

Adjusts the brightness of the monitor/viewfinder.

When the monitor is OFF: Adjusts only the viewfinder's brightness.

When the monitor is ON: Adjusts the monitor's brightness, causing identical changes in the viewfinder at the same time. (When the monitor is turned off, the viewfinder's brightness returns to its original setting.)

Mode dial setting 🏠 ✖ 🎭 P/A/S/M 🖳 😋 ▶

1 **In the top menu, select MODE MENU → SETUP → 🖳 .**
☞ **"How to use the menu" (P. 39)**

2 **To brighten the monitor, press △. To darken it, press ▽. To complete the setting, press ⊕ .**

.... ⚫ **Note** ....

● In the **AUTO** mode, this function's setting is the same as that selected in the other shooting modes.

Turning off the beep sound

You can turn off the beep used for button operations or warnings.

Mode dial setting 🏠 ✖ 🎭 P/A/S/M 🖳 😋 ▶

In the top menu, select MODE MENU → SETUP → ▪)) → OFF or ON. Press ⊕ . Press again to cancel the menu.
☞ **"How to use the menu" (P. 39)**
Factory default setting: ON

.... ⚫ **Note** ....

● In the **AUTO** mode, this function's setting is the same as that selected in the other shooting modes.

Rec View

You can choose if the image being recorded is displayed on the viewfinder/
monitor during shooting.

■ **ON**

The image being recorded onto the card is displayed. This is useful for a brief
check of images you have just taken. Pressing the shutter button halfway at
any time displays the image the camera is currently aimed at.

■ **OFF**

The image being recorded onto the card is not displayed. Instead, the subject
the camera is currently pointing at is displayed. This is useful when you want
to prepare your next shot while the previous image is being recorded.

Mode dial setting	P/A/S/M	My

**In the top menu, select MODE MENU → SETUP → REC VIEW → ON or
OFF. Press 🖱 . Press again to cancel the menu.**

☞ **"How to use the menu" (P. 39)**

Factory default setting: ON

••••••••••••••••••••••••• ⚠ **Note** •••••••••••••••••••••••••

● In the **AUTO** , 🏔 , 🏃 , 🌙 , or 🎬 mode, Rec View is always ON.

Sleep timer

The camera automatically enters the sleep mode if the time you have set has passed with no operations being performed. To leave the sleep mode, operate any button (press the shutter button or arrow pad, etc.).

Mode dial setting ▷ **P/A/S/M** 🖰🎥

In the top menu, select MODE MENU → SETUP → SLEEP, then select a setting from the following: 30SEC, 1MIN, 3MIN, 5MIN or 10MIN. Press 🖲. Press again to cancel the menu. ☞ **"How to use the menu" (P. 39)**

Factory default setting: 1MIN

••••••••••••••••••••••••• 🖉**Note** •••••••••••••••••••••••••

● In the **AUTO** , 🎂 , 🎿 , 🌙 , or 🎥 mode, this function's setting is the same as that selected in the other shooting modes.
● The sleep timer can only be changed in the shooting mode. In the playback mode, the sleep timer is always set at 3 minutes.
● Sleep does not work when using an AC adapter.
● If a slide-show lasts more than 30 minutes, the camera automatically enters the sleep mode.

Battery save mode

Saves battery power during shooting:
● Regardless of the sleep timer setting, the viewfinder will turn off if no operations are performed for 30 seconds.
● The monitor is disabled in battery save mode.

Mode dial setting ▷ 🎂🎿🌙 **P/A/S/M** 🖰🎥

In the top menu, select MODE MENU → SETUP → BATTERY SAVE → ON or OFF. Press 🖲. Press again to cancel the menu. ☞ **"How to use the menu" (P. 39)**

Factory default setting: OFF

File name

The camera automatically creates file names and folder names for images to be stored in. Files can be numbered from 0001 to 9999 and folders can be numbered from 100 to 999. Examples are shown below.

```
                  Folder name          File name
                ┌──────────┐      ┌──────────────┐
  \ D C I M \ * * * O L Y M P \ P m d d * * * * . j p g
                │                  │ │ │        │
          Folder No.          Month (1~C)    File No.
          (100~999)                          (0001~9999)
                              Day (01~31)
```

● Month: Jan. - Sep. = 1 - 9, Oct. = A, Nov. = B, Dec. = C

There are two choices here: RESET or AUTO. Choose the one that is best for you when transferring images to a computer.

■ RESET
When RESET is selected, the file number and folder number are reset every time a new card is inserted in the camera. The folder number returns to No. 100, and the file number returns to No. 0001. This is useful when grouping files on separate cards.

■ AUTO
When AUTO is selected, the same folder number is retained, but the file number continues from the previous card, so that the same file number is not used on different cards. This helps you to manage multiple cards. This is useful when a group of files stretches over more than one card.

Chapter 8

Mode dial
setting
P/A/S/M 𝗠𝗒

1 **In the top menu, select MODE MENU
   → SETUP → FILE NAME.**
   ☞ **"How to use the menu" (P. 39)**

SLEEP
FILE NAME ◄ (RESET)
PIXEL MAPPING (AUTO)

2 **Select RESET or AUTO, then press** 🆗 **.**

Factory default setting: RESET

⚡ **TIPS**

● **When the File No. reaches 9999...**
  The file number returns to 0001, and the folder number changes, for
  example, from No. 100 to No. 101.
● **When both the Folder and File No. reach the maximum number
  (999/9999)...**
  The number of storable pictures becomes 0, even if the card is not full
  yet. No more pictures can be taken. Replace the card with a new one.

∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙ 🖉 **Note** ∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙∙

● In the **AUTO** , 🔦 , ❀ , 🐟 , or 🎬 mode, this function's setting is the same
  as that selected in the other shooting modes.

Pixel Mapping
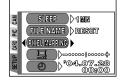
The Pixel Mapping feature allows the camera to check and adjust the CCD and image processing circuit automatically. It is not necessary to operate this function frequently. Approximately once a year is recommended. Wait a few minutes after the monitor is used or continuous shots are taken to allow for proper performance of the Pixel Mapping function.

Mode dial setting [🏠] [🏃] [👤] [P/A/S/M] [My] [🎬]

1 **In the top menu, select MODE MENU → SETUP → PIXEL MAPPING.**
   ☞ **"How to use the menu" (P. 39)**
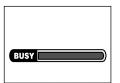
2 **Press ▷.**
   ● START appears.

3 **Press ⊛.**
   ● A progress bar appears during Pixel Mapping.
   ● When Pixel Mapping is finished, the screen returns to the menu.

·························· **⏺ Note** ··························

● If the power is turned off during Pixel Mapping, start again from Step 1.
● To shoot in the **AUTO** mode or to play back, perform Pixel Mapping in another mode.

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How to print pictures

Print reservation allows you to save printing data (the number of prints and the date/time information) with the pictures stored on the card.

With print reservation, you can print out pictures easily either at home using a personal DPOF-compatible printer or at a print shop that supports DPOF. DPOF is a standard format used to record automatic print information from digital cameras. You can print out pictures automatically, at home or in a print shop, by storing such data as which pictures you wish to print and the number of prints on a card.

Pictures taken with print reservation can be printed using the following procedures.

Printing using a DPOF-compatible print shop.

You can print the pictures using the print reservation data.

Printing using a DPOF-compatible printer.

Printing is possible directly from a card containing print reservation data without using a PC. For more details, refer to the printer's instruction manual. A PC card adapter may also be necessary.

Chapter 9

> ☼ **TIPS**
>
> ● **Picture size and printing**
> The resolution of a computer/printer is generally based on the number of
> dots (pixels) per square inch. This is called "dpi" (dots per inch). The
> higher the dpi value, the higher the resolution, and the better the printed
> results. Keep in mind, however, that the dpi of the picture you want to
> print does not change to match the printer resolution. This means that
> when you print an image with a lower resolution than the printer, the size
> of the printed picture will be smaller. Although you can print magnified
> images, picture quality will decrease. If you want to be able to print large,
> high-quality pictures, set the picture size in the camera as high as
> possible (higher record mode) (P. 79).

•••••••••••••••••••••• ✪**Note** ••••••••••••••••••••••

● DPOF reservations set by another device cannot be changed by this
camera. Make changes using the original device.
● If there is not enough space in the card memory, CARD FULL will be
displayed and you may not be able to enter the reservation data.
● You can make DPOF print reservations for up to 999 images per card.
● If a card contains DPOF reservations set by another device, entering
reservations using this camera may overwrite the previous reservations.
● Even if an image appears with the message "PICTURE ERROR", Print
reserve may be performed on it. In such a case, the print reserve icon (凸)
does not appear where an image is displayed for full view. Since 凸
appears where multiple images are displayed (index-display mode), it is
possible to confirm the print reserve status.
● Not all functions may be available on all printers or at all photo labs.
● Some TIFF images may not be printed.
● Print reserve may take considerable time in some cases.
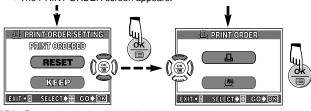
Applying print reserve to a card

Mode dial setting ▶

1 **Use the arrow pad to play back a still picture.**
● You cannot use Print reserve on pictures with 🎥 .

2 **Press 🖻 .**
● The PRINT ORDER screen appears.

If Print Reserve data is already stored on the card, the PRINT ORDER SETTING screen appears giving you the choice of resetting the data or keeping it.

● RESET cancels all Print reserve data. If RESET is selected, the PRINT ORDER SETTING screen disappears and the playback mode is restored.

Select 🖻 or 🖻 .

🖻 : **Sets single-frame print, the number of prints and date/time.** → **Go to step 3.**

🖻 : **Sets all-frame print and the date/time.**→ **Go to step 6.**

3 **(Only for 🖻)**
Press ◁ ▷ to select a frame you want to print.
● If Print reserve has already been applied, the number of prints currently set is displayed.

When selecting a frame for Print Reserve

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Chapter 9

4 **Press △▽ to set 凸x (number of prints).**
● Up to 10 can be set. 0 cancels Print reserve.

Increases the number.

Decreases the number.

To apply Print reserve for other frames, press ◁▷.

⇔凸x 2
100-0024　HQ
'04.12.23 21:56
24
SELECT◆🔳　GO◆OK

5 **When setting is complete, press 🖲 .**
● The 凸 screen appears.

6 **Press △▽ to select DATE/TIME (date/time) and press 🖲 .**

NO
DATE
TIME
EXIT◆◁ SELECT◆🔳 GO◆OK

NO : Prints the frame without date/time.
DATE : Prints the frame together with the shooting date.
TIME : Prints the frame together with the shooting time.

7 **Check the number of Print reserve frames, the total number of prints, and date/time printing data. Press △▽ to select SAVE and press 🖲 .**
● CANCEL clears all Print reserve data.
● The PRINT ORDER screen disappears and normal playback is restored.

🗔 PRINT ORDER
PRINT ORDERED
10 (16) DATE
SAVE
CANCEL
EXIT◆◁ SELECT◆🔳 GO◆OK

Troubleshooting

● **The camera does not work**

Possible cause	Corrective action	Ref. Page
The camera does not turn on or function buttons do not respond.		
The power is off.	Press the power switch and turn on the camera.	P. 27
The batteries are loaded incorrectly.	Reload the batteries correctly.	P. 21
The batteries are exhausted.	Replace the batteries with new ones.	P. 21
The batteries are temporarily unable to function because of the cold.	Warm the batteries by putting them in your pocket for a while.	—
The camera is in the sleep mode.	Operate the camera (press the shutter button or the zoom lever).	P. 117
There is condensation* inside the camera.	Wait until the camera dries before turning it on again.	—
The camera is connected to a PC.	The camera will not operate while it is connected to a PC.	—

* Condensation: When it is cold outside, the water vapor in the air is rapidly cooled and turns to droplets of water. Condensation occurs when the camera is suddenly taken from a cold place into a warm room.

Possible cause	Corrective action	Ref. Page
The card access lamp and self-timer lamp blink at the same time.		
The batteries are exhausted.	Replace the batteries with new ones.	P. 21
No picture is taken when the shutter button is pressed.		
The camera is in the playback mode.	Set the mode dial to any position except ▶ .	P. 45
The flash has not finished charging.	Remove your finger from the shutter button, and wait until the ⚡ (flash standby) indication stops blinking. Press the shutter button again.	P. 64

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Possible cause	Corrective action	Ref. Page
The card is full.	Erase unwanted pictures or insert a new card. Before erasing, download important images to a PC.	P. 101
The batteries ran out of power during shooting or while the images were being written to the card. (Monitor turns off, or the battery check indicator blinks.)	Replace the batteries with new ones. (If images are being recorded on the card, wait until recording is finished.)	P. 21
The memory gauge is full.	Wait until there is room in the memory gauge.	P. 16
There is a problem with the card.	Refer to "Error codes".	P. 133
The flash does not fire.		
The flash is pushed down.	Press the flash switch to raise the flash.	P. 63
The subject is illuminated.	If you want the flash to fire on a brightly illuminated subject, set the flash to fill-in mode.	P. 63
Auto bracketing is set.	The flash does not fire in the auto bracketing mode. Set another mode in the DRIVE menu.	P. 72
The camera is in the movie mode.	The flash does not fire in the movie mode. Set a different shooting mode.	P. 45
Panorama mode is set.	The flash does not fire in the panorama mode. Cancel the panorama mode.	P. 76

Chapter 10

Possible cause	Corrective action	Ref. Page
The monitor does not turn on.		
The monitor is not on.	Press 🖵 to turn on the monitor.	P. 56
The camera is in the sleep mode.	Operate the camera (press the shutter button or the zoom lever).	P. 117
BATTERY SAVE is set to ON.	Set to OFF in the menu.	P. 117
The viewfinder or monitor is hard to see.		
The diopter is not adjusted properly.	Adjust the diopter so that the AF target mark is clearly visible.	P. 31
The brightness of the viewfinder or monitor is not adjusted properly.	Select 🖵 in the mode menu and adjust the brightness.	P. 115
The monitor is exposed to direct sunlight.	Block the sunlight with your hand or use the viewfinder.	P. 31
Vertical lines appear on the image in the viewfinder or monitor.	Bright light, such as direct sunlight, may cause vertical lines to appear on the image. This is not a malfunction.	—
Pictures you have taken do not appear on the monitor.		
The power is off.	Set the mode dial to ▶ before pressing the power switch to turn the camera on.	P. 45
The camera is in the shooting mode.	Press 🖵 twice quickly, or set the mode dial to ▶ .	P. 56
There are no pictures on the card.	"NO PICTURE" appears on the monitor. Record pictures.	P. 133
There is a problem with the card.	Refer to "Error codes".	P. 133
The camera is connected to a TV.	The monitor does not function when the video cable is connected to the camera.	P. 104

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Possible cause	Corrective action	Ref. Page
The date recorded with the image data is wrong.		
The date/time is not set.	Set the date/time. The clock adjustment is not factory-preset.	P. 29
The batteries are exhausted.	When the batteries run out, the date/time setting may be canceled. Replace the batteries with new ones and set the date/time again.	P. 21
The camera has been left with the batteries removed.	If the camera is left for several hours with the batteries removed, the date/time setting is canceled. Set the date/time again.	P. 29
Single-frame erase or all-frame erase cannot be performed.		
The picture you want to erase is protected.	Display the protected image (with ⚏) and press ⚏ to cancel the protection.	P. 100
The settings are returned to the factory default settings when the camera is turned off.		
ALL RESET is set to ON.	Select the SETUP tab in MODE MENU and set ALL RESET to OFF.	P. 105
No picture is displayed on the TV when connected to the camera.		
The TV video signal setting is incorrect.	Set the TV to the video input mode.	P. 104

Chapter 10

● **The image quality is poor.**

Possible cause	Corrective action	Ref. Page
The picture is too bright.		
The flash was set to the fill-in flash mode.	Select a flash mode other than fill-in flash.	P. 61
The subject was excessively illuminated.	Adjust the exposure compensation toward minus (–) or change the camera position.	P. 85
The picture is too dark.		
The flash was blocked by your finger.	Hold the camera correctly, keeping your fingers away from the flash.	P. 32
The subject was out of the working range of the flash.	Shoot within the flash working range.	P. 63
The flash is pushed down.	Press the flash switch to raise the flash.	P. 63
The subject was too small and was backlit.	Set the flash to fill-in mode, or use the spot metering mode.	P. 63
The sequential shooting mode was used.	Higher shutter speeds are used when the sequential shooting mode is selected, which may result in pictures that are darker than usual. Select ☐ in the DRIVE menu.	P. 72
When shooting a bright subject such as a landscape, the picture comes out darker than the actual colors.	Adjust the exposure compensation toward plus (+).	P. 85
The colors of pictures taken indoors look unnatural.		
Indoor lighting can affect the picture's colors.	Set the white balance according to the lighting.	P. 86

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Possible cause	Corrective action	Ref. Page
No white in frame.	Include something white in the picture, or shoot using the fill-in flash mode.	P. 63
The white balance setting is wrong.	Adjust the white balance according to the light source.	P. 86
The picture has obscured edge(s).		
The lens was partly blocked by your finger or the strap.	Hold the camera correctly, keeping your fingers and the strap away from the lens.	P. 32
The picture is out of focus.		
The camera moved when the shutter button was pressed.	Hold the camera correctly and press the shutter button gently.	P. 32
The subject was too close.	Move further away from the subject.	—
The flash was not enabled in a lighting condition requiring use of the flash.	Press the flash switch to raise the flash. Camera movement occurs easily with slower shutter speeds. Use a tripod, or hold the camera firmly.	P. 63
The lens was dirty.	Clean the lens. Use a commercially available blower blush and then wipe with a lens cleaner to remove dust. Mold may form on the lens surface if the lens is left dirty.	P. 132
The picture was out of focus even though the green lamp was lit.	Focus the camera on an object at the same distance as the intended subject using the focus lock function before composing your shot.	P. 54

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Possible cause	Corrective action	Ref. Page
Halation produces unnatural colors in the picture.		
This may be caused by excessively bright ultraviolet light on the subject, such as sunlight shining through the leaves of trees, window frames in bright light at night, reflection of metal in direct sunlight, etc.	• Use a UV filter. As this may upset the overall color balance, it should only be used in the conditions described on the left. • Process the picture on a PC using a graphics application (Photoshop, Paint Shop Pro, etc.). For example, after picking up unnatural colors with a syringe tool, etc. you can select color areas, and try color conversion or saturation adjustment. For details, refer to the manual for the graphics application you are using.	—
The batteries soon run down.		
The camera is being used in a cold environment.	Battery performance deteriorates in low temperatures. Keep the camera warm by putting it inside your coat or clothing.	—
The camera misread the remaining battery power.	When the power consumption fluctuates greatly, the camera may turn off without displaying the low battery warning. Replace with new batteries.	P. 21

User maintenance

After use

Turn off the power and attach the lens cap to the lens.

Cleaning the camera

1 **Turn off the camera. (P. 27)**

2 **Remove the batteries (P. 21). When using an AC adapter, unplug the AC adapter from the camera and the AC outlet.**

3 **Exterior:**
Wipe gently with a soft cloth. To wipe off heavy dirt, soak the cloth in diluted mild soap and wring it well. Wipe off the camera with the damp cloth and then dry it with a dry cloth. If you have used your camera at the beach, use a cloth dampened with fresh water.
Monitor and viewfinder:
Wipe gently with a soft cloth.
Lens:
Blow dust off the lens with a blower brush (commercially available), then wipe gently with lens cleaning paper.
Card:
Wipe gently with a soft cloth.

Storage

- When storing the camera for extended periods, remove the battery and card, and keep in a cool, dry place that is ventilated well.
- Periodically, replace the battery, and test camera functions.

························ **✷ Note** ························

- Do not use a strong solvent such as benzine or alcohol, or chemically treated cloth.
- Cleaning should be done only after the batteries have been removed or other power supply units have been disconnected.
- Mold may form on the lens surface if the lens is left dirty.
- Avoid leaving the camera in places where chemical products are handled since this may result in corrosion.

Error codes

Monitor indication	Possible cause	Corrective action
[!] NO CARD	The card is not inserted, or it cannot be recognized.	Insert a card or insert a different card. If the problem persists, format the card. If the card cannot be formatted, it cannot be used.
[!] CARD ERROR	There is a problem with the card.	Use a different card. Insert a new card.
[!] WRITE-PROTECT	Writing to the card is prohibited.	The recorded image has been protected (read- only) on a PC. Download the image to a PC and cancel the read-only setting.
[!] CARD FULL	The card is full. No more pictures, movies or information such as print reservation can be recorded.	Replace the card or erase unwanted pictures. Before erasing, download important images to a PC.
[ ] NO PICTURE	There are no pictures on the card.	The card contains no pictures. Record pictures.

Monitor indication	Possible cause	Corrective action
⚠️ PICTURE ERROR	The recorded image cannot be played back with this camera.	Use image processing software to view the picture on a PC. If that cannot be done, the image file is damaged.
CARD COVER OPEN	The card cover is open.	Close the card cover.
CARD SETUP / POWER OFF / FORMAT / SELECT GO	The card is not formatted.	Format the card.

Menu maps

● P/A/S/M and ⓂⓎ modes
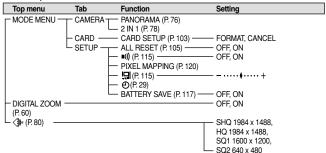
Top menu	Tab	Function	Setting
MODE MENU	CAMERA	ISO (P. 83)	AUTO, 100, 200, 400
		P/A/S/M (P. 47)	P, A, S, M
		🔀 (P. 65)	–2.0 to +2.0
		BKT (P. 73)	±0.3/±0.7/±1.0, x3/x5
		DIGITAL ZOOM (P. 60)	OFF, ON
		PANORAMA (P. 76)	
		2 IN 1 (P. 78)	
	PICTURE	◁▥ (P. 80)	TIFF (1984 x 1488), SHQ (1984 x 1488), HQ (1984 x 1488), SQ1 (1600 x 1200), SQ2 (1280 x 960, 1024 x 768, 640 x 480)
		WB (P. 86)	AUTO, ☀, ☁, ☼, 🎋
		SHARPNESS (P. 87)	SOFT, NORMAL, HARD
		CONTRAST (P. 87)	LOW, NORMAL, HIGH
	CARD	CARD SETUP (P. 103)	FORMAT, CANCEL
	SETUP	ALL RESET (P. 105)	OFF, ON
		INFO (P. 114)	OFF, ON
		■)) (P. 115)	OFF, ON
		REC VIEW (P. 116)	OFF, ON
		MY MODE SETUP (P. 111)	CURRENT (SET, CANCEL), RESET (ALL RESET, CANCEL), CUSTOM*
		SLEEP (P. 117)	30SEC, 1MIN, 3MIN, 5MIN, 10MIN
		FILE NAME (P. 118)	RESET, AUTO
		PIXEL MAPPING (P. 120)	
		🖳 (P. 115)	– ·····◆····· +
		🕘 (P. 29)	
		BATTERY SAVE (P. 117)	OFF, ON
		SHORT CUT (P. 108)	A/B/C, all items included in CAMERA and PICTURE tabs.
		CUSTOM BUTTON (P. 106)	AE LOCK, INFO, ISO, P/A/S/M, DIGITAL ZOOM, ◁▥, WB
ISO (P. 83)			Same settings as ISO above.
◁▥ (P. 80)			Same settings as ◁▥ above.
WB (P. 86)			Same settings as WB above.

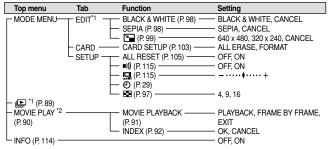* For CUSTOM settings, refer to "Available items and factory default settings" on P. 113.

●●●●

Chapter 10

● **AUTO** mode

Top menu	Tab	Function	Setting
CARD SETUP (P. 103)			FORMAT, CANCEL
⏱ (P. 29)			
⟨▤⟩ (P. 80)			SHQ 1984 x 1488, HQ 1984 x 1488, SQ1 1600 x 1200, SQ2 640 x 480

● **🏔** , **🏃** , and **🏵** modes

Top menu	Tab	Function	Setting
MODE MENU	CAMERA	PANORAMA (P. 76)	
		2 IN 1 (P. 78)	
	CARD	CARD SETUP (P. 103)	FORMAT, CANCEL
	SETUP	ALL RESET (P. 105)	OFF, ON
		■⟩⟩ (P. 115)	OFF, ON
		PIXEL MAPPING (P. 120)	
		🖵 (P. 115)	– ⋯⋯◆⋯⋯ +
		⏱ (P. 29)	
		BATTERY SAVE (P. 117)	OFF, ON
DIGITAL ZOOM (P. 60)			OFF, ON
⟨▤⟩ (P. 80)			SHQ 1984 x 1488, HQ 1984 x 1488, SQ1 1600 x 1200, SQ2 640 x 480

● **🎥** mode

Top menu	Tab	Function	Setting
MODE MENU	CAMERA	ISO (P. 83)	AUTO, 100, 200, 400
	CARD	CARD SETUP (P. 103)	FORMAT, CANCEL
	SETUP	ALL RESET (P. 105)	OFF, ON
		■⟩⟩ (P. 115)	OFF, ON
		PIXEL MAPPING (P. 120)	
		🖵 (P. 115)	– ⋯⋯◆⋯⋯ +
		⏱ (P. 29)	
		BATTERY SAVE (P. 117)	OFF, ON
DIGITAL ZOOM (P. 60)			OFF, ON
⟨▤⟩ (P. 80)			HQ 320 x 240, SQ 160 x 120
WB (P. 86)			AUTO, ☀, ☁, ☼, 🔆

● ▶ **mode**

Chapter 10

Top menu	Tab	Function	Setting
MODE MENU	EDIT[*1]	BLACK & WHITE (P. 98)	BLACK & WHITE, CANCEL
		SEPIA (P. 98)	SEPIA, CANCEL
		▣ (P. 99)	640 x 480, 320 x 240, CANCEL
	CARD	CARD SETUP (P. 103)	ALL ERASE, FORMAT
	SETUP	ALL RESET (P. 105)	OFF, ON
		▣)) (P. 115)	OFF, ON
		▣ (P. 115)	– · · · · · ◆ · · · · · +
		⊕ (P. 29)	
		▣ (P. 97)	4, 9, 16
▶[*1] (P. 89)			
MOVIE PLAY[*2] (P. 90)		MOVIE PLAYBACK (P. 91)	PLAYBACK, FRAME BY FRAME, EXIT
		INDEX (P. 92)	OK, CANCEL
INFO (P. 114)			OFF, ON

*1 Not displayed during movie playback.
*2 Not displayed during still picture playback.

Menu functions & factory default settings

Mode \ Function	**AUTO**	🏔 🌸 🌙	**P/A/S/M** 🎥	🎬	▶
ISO		–	P 🎥 : AUTO A/S/M: 100	AUTO	–
P/A/S/M		–	P	–	
🔆		–	± 0	–	
BKT		–	± 1.0/x3	–	
DIGITAL ZOOM	–		OFF		–
◁▯▯		HQ	HQ, 1984 x 1488 (when SQ2 is selected, 640 x 480 is factory default setting.)	HQ (320x240)	–
WB		–	AUTO		–
SHARPNESS		–	NORMAL		–
CONTRAST		–	NORMAL		–
ALL RESET	–		ON		
INFO		–	OFF	–	OFF
■)))	–		ON		
REC VIEW		–	ON		–
MY MODE SETUP		–	CURRENT		–
SLEEP		–	1MIN		–
FILE NAME		–	RESET		–
🖵	–		± 0		
🕐			Y M D/2004/1/1		
BATTERY SAVE		–	OFF		–
SHORT CUT		–	A: ISO B: ◁▯▯ C: WB	–	
CUSTOM BUTTON		–	AE LOCK		–
▦			–		9

● When "–" appears in a mode column, it means that the corresponding function is not available in that mode or cannot be set in that mode. Some function settings are automatically determined by the settings selected in other modes.

Modes & Shooting functions

Mode / Function	**AUTO**	🄰	🏃	😊	P/A/S/M*	🎦My	🎥
Taking still pictures	√	√	√	√	√	√	–
Recording movies	–	–	–	–	–	–	√
P/A/S/M mode setting	–	–	–	–	√	√	–
Aperture value setting	–	–	–	–	√	√	–
Aperture priority shooting	–	–	–	–	√	√	–
Shutter speed setting	–	–	–	–	√	√	–
Shutter priority shooting	–	–	–	–	√	√	–
Manual shooting	–	–	–	–	√	√	–
"My Mode" setting	–	–	–	–	√	√	–
"My Mode" shooting	–	–	–	–	–	√	–
Zoom	√	√	√	√	√	√	–
Digital zoom	–	√	√	√	√	√	√
Auto focus	√	√	√	√	√	√	√
Focus lock	√	√	√	√	√	√	√
Flash Auto	√	√	√	–	√	√	–
Flash Red-eye Reduction	–	–	–	√	√	√	–
Flash Fill-in	–	–	–	√	√	√	–
Flash Night Scene	–	–	–	–	√	√	–
Flash Night Scene With Red-eye Reduction	–	–	–	–	√	√	–
Flash intensity control	–	–	–	–	√	√	–
Spot metering	–	–	–	–	√	√	√
AE lock	–	–	–	–	√	√	–
Macro shooting	–	–	–	–	√	√	√
Self-timer shooting	–	√	√	√	√	√	√

√ : Available, **–** : Not available

* Depending on the P/A/S/M mode setting, some functions are not available. For details, refer to the individual function page.

●●●

Chapter 10

Mode / Function	**AUTO**	🏠	🏃	🌙	P/A/S/M*	🗒️	🎥
Sequential shooting	–	√	√	√	√	√	–
AF sequential shooting	–	–	–	–	√	√	–
Auto-bracketing	–	–	–	–	√	√	–
Panorama shooting	–	√	√	√	√	√	–
2 in 1 shooting	–	√	√	√	√	√	–
Record mode setting	√	√	√	√	√	√	√
ISO setting	–	–	–	–	√	√	√
Exposure compensation	–	√	√	√	√	√	√
Auto white balance	√	√	√	√	√	√	√
Preset white balance ☀, ☁, ☼, 🏮	–	–	–	–	√	√	√
Sharpness setting	–	–	–	–	√	√	–
Contrast setting	–	–	–	–	√	√	–
Custom button setting	–	–	–	–	√	√	–
Short cut setting	–	–	–	–	√	√	–
Information display	–	–	–	–	√	√	–
All reset	–	√	√	√	√	–	√
Beep	–	√	√	√	√	√	√
Rec view	–	–	–	–	√	√	–
Monitor brightness adjustment	–	√	√	√	√	√	√
Sleep timer	–	–	–	–	√	√	–
Battery save mode	–	√	√	√	√	√	√
File name setting	–	–	–	–	√	√	–
Pixel mapping	–	√	√	√	√	√	√

√ : Available, **–** : Not available

* Depending on the P/A/S/M mode setting, some functions are not available. For details, refer to the individual function page.

Specifications

Product type	Digital camera (for shooting and displaying)
Recording system	
Still	Digital recording, JPEG (in accordance with Design rule for Camera File system (DCF)), TIFF (non-compression), Digital Print Order Format (DPOF)
Movie	QuickTime Motion JPEG support
Memory	xD- Picture Card (16 – 512 MB)
No. of storable pictures (When a 16 MB card is used)	1 frame (TIFF: 1984x1488) Approx. 7 frames (SHQ: 1984x1488) Approx. 21 frames (HQ: 1984x1488) Approx. 24 frames (SQ1: 1600x1200) Approx. 99 frames (SQ2: 640x480)
No. of effective pixels	3,000,000 pixels
Image pickup device	1/2.5" CCD solid-state image pickup 3,340,000 (gross)
Recording image resolutions	1984 x 1488 pixels (TIFF/SHQ/HQ) 1600 x 1200 pixels (SQ1) 1280 x 960 pixels (SQ2) 1024 x 768 pixels (SQ2) 640 x 480 pixels (SQ2)
Lens	Olympus lens 6.4 mm to 51.2 mm, f2.8 to f3.4, 10 elements in 7 groups (equivalent to 40 mm to 320 mm lens on 35 mm camera)
Photometric system	Digital ESP metering, Spot metering system
Aperture	W : f2.8 to f7.1 T : f3.4 to f7.1
Shutter speed	
Still	1/2 to 1/1000 sec. (M mode: 8 to 1/1000 sec.; when Night Scene flash mode is used: 2 to 1/1000 sec.)
Movie	1/30 to 1/8000 sec.
Viewfinder	0.5" TFT color LCD display Approx. 114,000 pixels
Monitor	1.5" TFT color LCD display Approx. 114,000 pixels

Specifications (Cont.)

Battery charging time for flash	Approx. 7 sec. (at normal temperature with new batteries)
Autofocus	TTL system autofocus, Contrast detection system, Focusing range: W : 0.1 m to ∞ (0.3 ft to ∞) T : 1.0 m to ∞ (3.2 ft to ∞)
Outer connector	DC-IN jack, USB connector (mini-B), VIDEO OUT jack
Automatic calendar system	Up to 2099
Operating environment	
Temperature	0°C to 40°C (32°F to104°F) (operation) −20°C to 60°C (− 4°F to 140°F) (storage)
Humidity	30% to 90% (operation) 10% to 90% (storage)
Power supply	For batteries, use 2 CR-V3 lithium battery packs, or 4 AA (R6) NiMH batteries, NiCd batteries, alkaline batteries or lithium batteries. AC adapter (optional) Manganese (zinc-carbon) batteries cannot be used.
Dimensions (W) X (H) X (D)	107.5 mm x 76 mm x 77.5 mm (4.2" x 3.0" x 3.1")
Weight	315 g (0.7 lb) (without batteries/card)

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT ANY NOTICE OR OBLIGATION ON THE PART OF THE MANUFACTURER.

Glossary of terms

A (Aperture Priority) Mode
You set the aperture yourself and the camera automatically varies the shutter speed so that the picture is taken with the best exposure.

AE (Automatic Exposure)
The camera's built-in exposure meter automatically sets the exposure. The 3 AE modes available on this camera are P mode, in which the camera selects both the aperture and shutter speed, A mode, in which the user selects the aperture and the camera sets the shutter speed, and S mode, in which the user selects the shutter speed and the camera sets the aperture. In M mode, the user selects both the aperture and the shutter speed.

Aperture
The adjustable lens opening which controls the amount of light that enters the camera. The larger the aperture, the shorter the depth of field and the fuzzier the background. The smaller the aperture, the greater the depth of field and the sharper the background. Aperture is measured in f/stops. Larger aperture values indicate smaller apertures, and smaller aperture values indicate larger apertures.

CCD (Charge-coupled Device)
This converts light passing through the lens into electrical signals. On this camera, light is picked up and converted into RGB signals to build a single image.

Contrast Detection Method
This is used to measure the distance to the subject. The camera determines if the image is focused by the level of contrast in the subject.

Conventional Photograph
This refers to recording images using silver halide (the method for recording images in conventional, non-digital photography.) This system is in contrast to still video and digital photography.

DCF (Design rule for Camera File system)
A standard for image files by the Japan Electronics and Information Technology Industries Association (JEITA).

Digital ESP (Electro-Selective Pattern) light metering
This determines the exposure by metering and calculating the light levels in the center and other areas of the image separately.

DPOF (Digital Print Order Format)

This is for saving desired print settings on digital cameras. By entering which images to print and the number of copies of each, the user can automatically have the desired images printed by a printer or print lab that supports the DPOF format.

Eclipsing (Vignetting)

This refers to when an object obscures part of the field of view so that the whole subject is not photographed. Vignetting also refers to when the image seen through the viewfinder does not exactly match the image shot through the objective lens, so the photographed image includes objects not seen through the viewfinder. In addition, vignetting can occur when an incorrect lens hood is used, causing shadowing to appear in the corners of the image.

Effective Pixel Resolution

The number of pixels used in the CCD to create the image.

EV (Exposure Value)

A system for measuring exposure. EV0 is when the aperture is at F1 and the shutter speed is 1 second. The EV then increases by 1 each time the aperture increases by one F stop or the shutter speed increases by one increment. EV can also be used to indicate brightness and ISO settings.

Exposure

The amount of light used to capture an image. The exposure is determined by the time the shutter is open (shutter speed) and the amount of light that passes through the lens (aperture).

Gross Pixel Resolution

The total number of pixels in a CCD. Not all pixels are used to create the image.

ISO

A method for indicating film speed by the International Organization for Standardization (ISO) (e.g. "ISO100"). Higher ISO values indicate greater sensitivity to light, so images can be exposed even in low-light conditions.

JPEG (Joint Photographic Experts Group)
A compression format for color still images. Photographs (images) shot using this camera are recorded onto the card in JPEG format when the Record mode is set to SHQ, HQ or SQ. By downloading these images to a personal computer, users can edit them using graphics application software or view the images using an Internet web browser.

M (Manual) Mode
The user sets both the aperture and shutter speed.

P (Program) Mode
Also called Program AE mode. The camera automatically sets the best shutter speed and aperture for the shot.

PAL (Phase Alternating Line)
In Europe, PAL television signals are normally used. North America and Japan use NTSC signals.

Pixels
A pixel is the smallest unit (dot) used to make up an image. Clear large-sized printed images require millions of pixels.

S (Shutter Priority) Mode
Also called Shutter Priority AE mode. The user selects the shutter speed and the camera automatically varies the aperture so that the picture is taken with the best exposure.

TFT (Thin-Film Transistor) Color Monitor
A transistor color monitor constructed using thin-film technology.

TIFF (Tagged Image File Format)
A format used for saving highly detailed black and white or color image data. TIFF image files can be handled by software programs for scanners and graphics applications. This camera uses TIFF as an uncompressed image file format.

TTL (Through-The-Lens) System
To help adjust exposure, a light receptor built into the camera directly measures the light passing through the lens.

Chapter 10

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Chapter 10

OLYMPUS®

http://www.olympus.com/

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  Kingdom
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Our Technical Customer Support is available from 9 am to 6 pm MET (Monday
to Friday)

OLYMPUS®

CAMEDIA

DIGITAL CAMERA ▪∿▪ **PERSONAL COMPUTER**

DIGITAL CAMERA — PC CONNECTION
OPERATION MANUAL

How to use your PC to get the most from images taken with your digital camera.

- **Thank you for purchasing an Olympus digital camera.**
- **This manual provides instructions on how to install the USB driver. To ensure correct installation, refer only to these installation procedures.**

Introduction

This manual explains in detail how to connect your Olympus digital camera to a computer. Read it carefully and keep it in a safe place for future reference.

About this manual

- The information contained in this manual may be subject to change without notice. For the latest information on the product, please consult your local Olympus representative.
- The information contained in this manual has been compiled by taking all possible measures to ensure its accuracy. However, if you find any errors or incomplete information, please contact your local Olympus representative.
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Windows

Macintosh
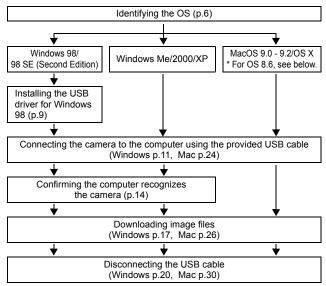
Flowchart

By connecting the camera to a computer with the provided USB cable, images on a card can be transferred to the computer. Some OS's (operating systems) may need a special setup before connecting to the camera for the first time. Follow the chart below.
For details, see the Olympus Corporate Site or phone customer support.

```
                    Identifying the OS (p.6)

┌─────────────────┐  ┌─────────────────┐  ┌──────────────────────┐
│ Windows 98/     │  │ Windows Me/     │  │ MacOS 9.0 - 9.2/OS X │
│ 98 SE (Second   │  │ 2000/XP         │  │ * For OS 8.6, see    │
│ Edition)        │  │                 │  │ below.               │
└─────────────────┘  └─────────────────┘  └──────────────────────┘

┌─────────────────┐
│ Installing the  │
│ USB driver for  │
│ Windows 98 (p.9)│
└─────────────────┘

        Connecting the camera to the computer using the provided USB cable
                          (Windows p.11,  Mac p.24)

                Confirming the computer recognizes
                        the camera (p.14)

                     Downloading image files
                    (Windows p.17,  Mac p.26)

                   Disconnecting the USB cable
                    (Windows p.20,  Mac p.30)
```

* Even if your computer has a USB connector, data transfer may not function correctly if you are using one of the operating systems listed below or if you have an add-on USB connector (extension card, etc.).
● Windows 95/NT 4.0
● Windows 98/98 SE upgrade from Windows 95
● Mac OS 8.6 or lower (except Mac OS 8.6 equipped with USB MASS Storage Support 1.3.5 installed at the factory)
● Data transfer is not guaranteed on a home-built PC system or PCs with no factory installed OS.

4

⚠️
Caution

• When connecting the camera to the computer, make sure that there is sufficient remaining battery power. When connected (transmitting) to the computer, the camera does not enter the sleep mode nor will the camera's power turn off automatically. Depending on the camera model, when the battery power runs out or the internal temperature rises, the camera may stop operating automatically. This could cause the computer to malfunction, and any image data (file) being transmitted may be lost. Be careful when downloading files for a long period of time. Use the AC adapter (optional) when downloading files.

• If you connect or disconnect the AC adapter when the camera is connected to the computer and is running on battery power, it may result in the loss of image data on the card or cause a malfunction in the computer. Before connecting or disconnecting the AC adapter, disconnect the camera from the computer and make sure that the camera is turned off.

• To avoid computer malfunctions, do not turn off the camera when the camera is connected to a computer.

• If the camera is connected to the computer via a USB hub, operation may not be stable if there are any compatibility problems between the computer and the hub. In such cases, do not use the hub and connect the camera directly to the computer.

Note

• You can view images using: graphics applications that support the JPEG file format (Paint Shop Pro, Photoshop, etc.); Internet browsers (Netscape Communicator, Microsoft Internet Explorer, etc.); CAMEDIA Master software; or other software. For details on using commercial graphics applications, refer to their instruction manuals.

• QuickTime is needed for playing back movies. QuickTime is included on the provided software CD.

• If you want to process images, make sure to download them to your computer first. Depending on the software, image files may be destroyed if the images are processed (rotated, etc.) while they are on the card.

5
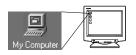
Identifying the OS

■■■■■

Identify the OS on your computer before connecting the camera. How to identify the OS depends on the computer.

● **Windows**

1 **Double-click the "My Computer" icon on your desktop.**

When the "My computer" icon is not on your desktop, click "Control Panel" from the "Start" menu.

2 **Double-click the "Control Panel" icon.**

3 **Double-click the "System" icon.**

> Note
>
> The way the file icons inside the folder appear may vary depending on your version of Windows. If you don't see the icon you are looking for, click on "view all Control Panel options" on the left of the window.

----

4 **A System Properties window will appear. Note and record the "System:" information.**

Confirm that your system is Windows 98, 98 SE, Me, 2000 Professional or Windows XP, then press "OK" to close the window.
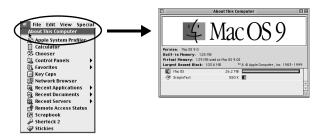
If your OS is Windows 98/98 SE, proceed to "Installing the USB driver for Windows 98" (☞ p.9).
Users running Windows Me/2000/XP ☞ p.11
Users running other OS ☞ p.31

● Mac OS (Macintosh)

Select "About This Computer" from the Apple menu on the menu bar.
A window appears with the name of the computer's OS.
Confirm that the OS is OS 9.0-9.2 or OS X.

Users running Mac OS 9/X ☞ p.23
Users running other OS ☞ p.31

Windows

Using Windows 98/Me/2000/XP

Make sure that:

- Your computer is turned on and Windows is running.
- If you are running any applications, quit them all.
- You are recommended to power the camera using the optional AC adapter. If the battery power runs out while the computer is accessing the card in the camera, the camera will turn off in the middle of the operation and this could destroy image files (data). If you are using batteries, make sure that there is sufficient remaining battery power.

Windows

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Installing the USB driver for Windows 98 (When using Windows 98/98 SE)

If your OS is Windows 98/98 SE, you must install the USB driver. Follow the instructions below to install the USB driver in your computer. Once it is fully installed, you do not need to repeat the procedure again.

If your OS is Windows Me/2000/XP, you do not need to install the USB driver. Proceed to "Connecting the camera to the computer" (☞ p.11).

1 **Insert the provided software CD into your CD-ROM drive.**

2 **The Olympus Windows Installer should automatically launch. Click "USB Driver".**

If the USB driver is already installed in your computer, this option will not appear.

• This option will not appear if you are using Windows Me/2000/XP.

If the installer is not automatically launched, select "Run.." on the "Start" menu and then execute "(drive letter):/ Information.exe".

> **Note**
>
> The drive letter of the CD-ROM varies depending on the computer.
> To identify the drive letter, double-click "My Computer" on the desktop.

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3 Click "Continue". The installation of the USB driver will start.

4 Click "OK" to restart your computer and the installation is complete.
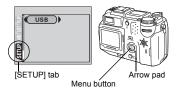
5 When the computer has restarted, installation is complete. If the Olympus Windows Installer screen appears, click "Close" and remove the CD-ROM from the CD-ROM drive.

Windows

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Connecting the camera to the computer
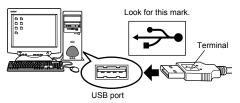
Users running Windows 98/98SE need to install the USB drive before connecting the camera to your computer for the first time. (☞ p.9)

1 **Some camera models have a "USB" setting in the menu. Make sure that "PC" is selected before connecting. This is not required if your camera does not have this setting. For details on how to operate the menu, refer to your camera's reference manual.**

USB

[SETUP] tab

Menu button   Arrow pad

2 **Insert the marked end of the provided USB cable into the USB port on your computer as shown below.**
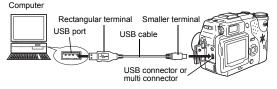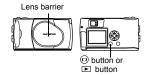
Look for this mark.

Terminal

USB port

Note The location of the USB port varies depending on the computer. For details, refer to your computer's manual.

3 **After making sure that the camera is turned off, connect the end of the USB cable to the USB connector on the camera.**

The location of the USB connector or multi connector varies depending on the camera model. Refer to the camera manual for details.

Computer

Rectangular terminal   Smaller terminal

USB port   USB cable

USB connector or multi connector

Windows

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----

4 Turn the camera on in ▶ (playback) mode.

- Most cameras with a lens barrier turn on automatically in Step 3, with the exception of some models which require you to press the ☺ (monitor) button or ▶ button.

Lens barrier

☺ button or
▶ button

OFF ▶ ◻
Power switch

▶ Mode dial

Power switch

5 When the screen shown right appears on the monitor in Step 4, use the arrow pad to select "PC" and press the OK button.

```
USB
  P C
  PRINT
  EXIT
SELECT ◆ 目    GO ◆ OK
```

Arrow pad

OK button

6 The computer recognizes the camera as a new device.

- Depending on the camera model, when you connect the camera to the computer, the lamp on the right of the viewfinder or the self-timer lamp may light.

Lamp

When you connect the camera to the computer for the first time, the computer automatically recognizes the camera. Click "OK" when the message saying that the installation is completed appears. The computer recognizes the camera as a "Removable Disk".

Windows

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● **Windows XP**

You can download image files from the camera easily.
Select "Copy pictures to folder on my computer using Microsoft
Scanner and Camera Wizard", then follow the on-screen instructions.
You may also select "take no action" to bypass the Microsoft Scanner
and Camera Wizard. You may then use a more advanced image
viewing/editing program such as Olympus CAMEDIA Master
software. For detailed instructions on downloading, refer to the
CAMEDIA Master software user's guide.

⚠
Caution
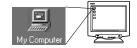
When the camera is connected to the computer, none of the camera buttons
are functional.

Confirming the computer recognizes the camera

1 Double-click the "My Computer" icon on the desktop.
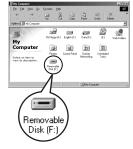
For users running Windows XP, click "My Computer" from the "Start" menu.

2 Make sure the "Removable Disk" icon appears in the window.

There may already be other "Removable Disk" icons for other devices, such as a removable media drive or USB SmartMedia Reader/Writer. In this case, the digital camera is recognized as another "Removable Disk".

If you cannot find the icon, the camera and computer are not connected properly. Turn the camera off, disconnect the camera from the computer and connect again, or proceed to "Confirming the USB driver is installed" (☞ p.15) to make sure that the USB driver is fully installed.

Removable Disk (F:)

Confirming the USB driver is installed

If the computer does not recognize the camera as a Removable Disk, follow the procedure below to check whether the USB driver has been fully installed.

1 **Open "My Computer"**
and double-click the
"Control Panel" icon.
For users running
Windows XP, open
"Control Panel" from the
"Start" menu.

2 **Double-click the**
"System" icon.

3 **The System window will appear.**
Click the "Device Manager" tab.

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----

4 **Confirm that "OLYMPUS Digital Camera" is in the "Universal Serial Bus Controller" category.**

If you cannot find the "OLYMPUS Digital Camera", turn the camera off, disconnect the camera from the computer and start again.
Users running Windows 98/98 SE start again from "Confirming the USB driver is installed", and Users running Windows Me/2000/XP start from "Connecting the camera to the computer".
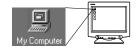
> Note
>
> If the USB driver was successfully installed, you can find the following in the "Device Manager".
> – the name of the camera you have connected listed under "Disk drives"
> – "OLYMPUS Digital Camera" listed as one of the items in the "Universal Serial Bus Controller" category

Windows

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Downloading images to your computer

1 Double-click the "My Computer" icon on the desktop.

For users running Windows XP, click "Control Panel" from the "Start" menu.

2 Double-click the "Removable Disk" icon.
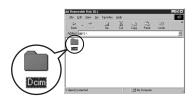
A new "Removable Disk" icon appears when the camera is connected to the computer, as the digital camera is recognized as a "Removable Disk".

Note

If an error message appears when you double-click the icon, there may be a problem with one of the following:

① the camera's power source (the AC adapter is not properly connected or the battery power is low)

Make sure that the AC adapter is correctly connected or that the batteries are not running low.

② the card (there is no card in the camera or there is a problem with the card)

Check that you can play back pictures stored on the card on the monitor of your digital camera.

3 Double-click the "Dcim" folder.

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----
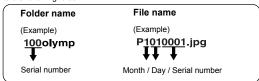
4 **Double-click the "100olymp" folder.**

Image files (JPEG files) with files names such as "P1010001.jpg" are displayed.

Note
• The camera automatically assigns folder names and file names according to the following rules.

Folder name	**File name**
(Example)	(Example)
100olymp	P1010001.jpg
↓	↓↓↓ ↓
Serial number	Month / Day / Serial number

• Serial numbers of image files run from 0001 to 9999.
• Serial numbers of folders run from 100 to 999.
• When file number 9999 is reached, a new folder is created and assigned the next number.
• Months January through September are expressed by the numbers 1 through 9, October by the letter A, November by B and December by C.

5 **Double-click the "My Documents" icon on the desktop.**

If you cannot find the icon on the desktop, select "Explorer" on the Start menu and double-click the "My Documents" icon.

Windows

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The "My Documents" window is displayed.

6 **Drag & drop the image you want to save in the computer (in this case, P1010012.jpg) to the "My Documents" window.**

The image is saved in the computer (in My Documents folder).

• To select all files, choose Edit > Select all.

| Note | When the image file has been downloaded to the computer, you can view images by double-clicking the image files downloaded to your computer. The files will be opened in the default image viewer of the operating system. If you want to view the image a different size or process it, you will need to open the image with software that supports JPEG or TIFF images files, such as Paint Shop Pro, Photoshop or CAMEDIA Master software. |

| ⚠ Caution | The lamp on the right of the viewfinder or the card access lamp blinks while the image is being copied. Never open the card cover on the camera, load or remove the batteries, or connect or disconnect the AC adapter while the lamp is blinking as the image files may be destroyed. |

Windows

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Disconnecting the camera from your computer

If your OS is Windows Me/2000, proceed to "Windows Me/2000/XP" (☞ p.21).

● **Windows 98**

1 **Make sure that the lamp on the right of the viewfinder or the self-timer lamp (which on some models light while the camera is connected to the computer) or the card access lamp is not blinking.**
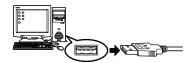The lamps and their location vary depending on the model. Refer to your camera's reference manual.

Lamp

Card access lamp

2 **Double-click the "My Computer" icon and right-click the "Removable Disk" to display the menu.**

Removable Disk (F:)

3 **Click "Eject" on the menu.**

Removable Disk
Open
Explore
Find...
Copy Disk...
Sharing...
Format...
Eject
Create Shortcut
Properties

---

4 **Make sure that the lamp on the right of the viewfinder or the self-timer lamp (which on some models light while the camera is connected to the computer) or the card access lamp is not blinking.**

Lamp

Depending on the camera model, the green lamp may light or lamps that

were lit while the camera was connected to the computer may go off. If the lamp is not flashing, then the cable can be removed.

5 **Remove the USB cable from the camera.**
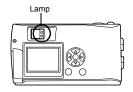
6 **Remove the USB cable from your computer.**

● **Windows Me/2000/XP**

1 **Make sure that the lamp on the right of the viewfinder or the self-timer lamp (which on some models light while the camera is connected to the computer) or the card access lamp is not blinking.**
The lamps and their location vary depending on the model. Refer to your camera's reference manual.

Lamp

Windows

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2 **Click the ⬏ "Unplug or Eject Hardware" icon on the task bar.**

The message saying that the drive has been stopped appears.

3 **Click on the message.**

The "Unplug or Eject Hardware" window appears.

Stop USB Mass Storage Device - Drive(G:)

4 **When a message appears, click "OK".**
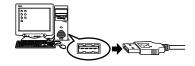
Safe To Remove Hardware

The 'USB Mass Storage Device' device can now be safely removed from the system.

OK

5 **Remove the USB cable from the camera.**

6 **Remove the USB cable from your computer.**

⚠ Caution

If the window returns the following message when you click "Unplug or Eject Hardware", first make sure that no image data is being downloaded from the camera, and then remove the USB cable.

Problem Ejecting USB Mass Storage Device

⚠ The device 'Generic volume' cannot be stopped right now. Try stopping the device again later.

OK

Windows

Macintosh

Using Mac OS (9/X)

Make sure that:

- Your computer is turned on and Mac OS is running.
- If you are running any applications, quit them all.
- You are recommended to power the camera using the optional AC adapter. If the battery power runs out while the computer is accessing the card in the camera, the camera will turn off in the middle of the operation and this could destroy image files (data). If you are using batteries, make sure that there is sufficient remaining battery power.

If you are running Mac OS X, the connection to the computer and downloading the image data are verified. Restrictions such as the following may occur due to the OS.
- The image file properties are not displayed correctly.
- Images in the camera cannot be opened without first downloading them. etc.
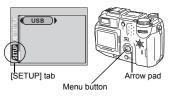
For more details, visit the Olympus web site.

Macintosh

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Connecting the camera to the computer

1 **Some camera models have a "USB" setting in the menu. Make sure that "PC" is selected before connecting. This is not required if your camera does not have this setting. For details on how to operate the menu, refer to your camera's reference manual.**

USB

[SETUP] tab

Menu button

Arrow pad
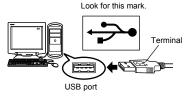
2 **Insert the marked end of the USB cable into the USB port on your computer as shown below.**

Look for this mark.

Terminal

USB port

Note
> The location of the USB port varies depending on the computer. For details, refer to your computer's manual.

3 **After making sure that the camera is turned off, connect the end of the USB cable to the USB connector on the camera.**
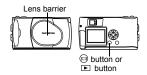
The location of the USB connector or multi connector varies depending on the camera model. Refer to the camera manual for details.
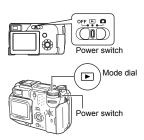
Computer

Rectangular terminal

Smaller terminal

USB port

USB cable

USB connector or multi connector

Macintosh

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4 Turn the camera on in ▶ (playback) mode.

Lens barrier

- Most cameras with a lens barrier turn on automatically in Step 3, with the exception of some models which require you to press the ☺ (monitor) button or ▶ button.

☺ button or
▶ button

OFF ▶ ◻
Power switch

▶ Mode dial

Power switch

5 When the screen shown right appears on the monitor in Step 4, use the arrow pad to select "PC" and press the OK button.

```
USB
 PC
PRINT
EXIT
SELECT◆🗄     GO◆ OK
```

Arrow pad

OK button

6 The computer recognizes the camera as a new device.

untitled

- Depending on the camera model, when you connect the camera to the computer, the lamp on the right of the viewfinder or the self-timer lamp may light.

The computer recognizes the camera automatically and an "Untitled" icon appears on the desktop. If you cannot find this icon, turn off the camera and connect again.

● **Mac OS X**
When the computer has recognized the camera, the Apple Image Capture software automatically launches. ☞ p.29

⚠ Caution

When the camera is connected to the computer, none of the camera buttons are functional.

Macintosh

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● **Mac OS 9**

You can download images from the camera and save them in your computer (in this case, in the Hard Disk).

1 **Double-click the "Untitled" icon displayed on the desktop when the camera is connected to the computer.**

If you cannot find this icon, or if an error message appears when you double-click the icon, there may be a problem with one of the following:

① the camera's power source (the AC adapter is not properly connected or the battery power is low)

② the card (there is no card in the camera or there is a problem with the card)

Check that you can play back pictures on the monitor of your camera.

③ the USB cable (the camera is not properly connected to the computer by the USB cable).

④ Apple "File Exchange" extension is not enabled.
   • Please refer to your Apple operating system manual for instructions on how to enable this extension.
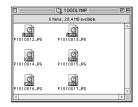
2 **Double-click the "Dcim" folder.**

3 **Double-click the "100OLYMP" folder.**

Macintosh

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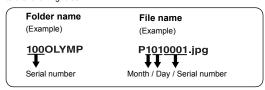---

Image files (JPEG files) with files names such as "P1010001.JPG" are displayed.

Note
• The camera automatically assigns folder names and file names according to the following rules.

> **Folder name**
> (Example)
>
> **100OLYMP**
> ↓
> Serial number
>
> **File name**
> (Example)
>
> **P1010001.jpg**
> ↓ ↓ ↓
> Month / Day / Serial number

• Serial numbers of image files run from 0001 to 9999.
• Serial numbers of folders run from 100 to 999.
• When file number 9999 is reached, a new folder is created and assigned the next number.
• Months January through September are expressed by the numbers 1 through 9, October by the letter A, November by B and December by C.
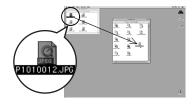
4 **Double-click the "Macintosh HD" icon on the desktop.**

Macintosh

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The "Hard Disk" window is displayed.

5 **Drag & drop the image you want to save in the computer (in this case, P1010012.JPG) to the "Hard Disk" window.**

The image is saved in the computer (in the Hard disk).

• To select all images, click Edit > Select all.

P1010012.JPG

Macintosh

> Note
>
> When the image file has been copied to the computer, you can view images by double-clicking the image files in the "Hard Disk" folder. The files will be opened in the default image viewer of the operating system. If you want to view the image a different size or process it, you will need to open the image with software that supports JPEG or TIFF images files, such as Paint Shop Pro, Photoshop or CAMEDIA Master software.

> ⚠ Caution
>
> The lamp on the right of the viewfinder or the card access lamp blinks while the image is being copied. Never open the card cover on the camera, load or remove the batteries, or connect or disconnect the AC adapter while the lamp is blinking as the image files may be destroyed.

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● **Mac OS X**

Malfunctions such as the following may occur due to the OS.
• If the camera is not connected correctly, a malfunction occurs in the computer.
• Date and time information of image files is not accurately displayed.
• If the card cover of the camera is opened while connecting to the computer, the "untitled" icon does not disappear from the desktop, etc.

When the computer has recognized the camera, the Apple Image Capture software dialog appears.

1 **From the "Download To" menu, select a destination folder.**

2 **To download all images, click "Download All". To selectively download images, click "Download Some" and highlight the desired images.**

The images are transferred from the camera to your computer.

| Note | If you are operating Mac OS X and you want to download images using the same procedure as for Mac OS 9, select "File > Close" and exit the Apple Image Capture software. At this time, the camera is indicated as "unlabeled". |

| ⚠ Caution | If you use the Apple Image Capture software, images downloaded to your computer and transferred back to a card may not play back on the camera or may have other problems. |

Macintosh

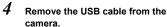# Disconnecting the camera from your computer

1 **Make sure that the lamp on the right of the viewfinder or the self-timer lamp (which on some models light while the camera is connected to the computer) or the card access lamp is not blinking.**
The lamps and their location vary depending on the model. Refer to your camera's reference manual.

Lamp

Card access lamp

2 **Drag the "untitled" icon on the desktop to "Trash".**

untitled → Trash

3 **Make sure that the lamp on the right of the viewfinder or the self-timer lamp (which on some models light while the camera is connected to the computer) or the card access lamp is not blinking.**

Depending on the camera model, the green lamp may light or lamps that were lit while the camera was
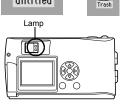
Lamp

connected to the computer may go off. If the lamp is not flashing, then the cable can be removed.
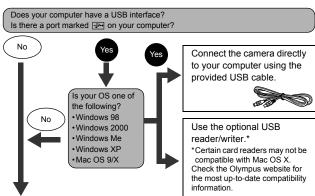
4 **Remove the USB cable from the camera.**

5 **Remove the USB cable from your computer.**

Macintosh

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Downloading image files using other OS
(For other OS users)

Users running other OS cannot connect the camera directly to a computer.
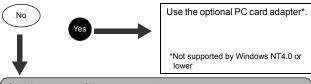 ● **Windows 95**   ● **Windows NT**   ● **Mac OS before OS 9**
For an OS listed above, you can download images directly to your computer using an optional floppy disk adapter or PC card adapter.
For details, see the Olympus Corporate Site or phone customer support.

Does your computer have a USB interface?
Is there a port marked 🔌 on your computer?

No

Yes

Yes

Connect the camera directly to your computer using the provided USB cable.

Is your OS one of the following?
• Windows 98
• Windows 2000
• Windows Me
• Windows XP
• Mac OS 9/X

No

Use the optional USB reader/writer.*
*Certain card readers may not be compatible with Mac OS X. Check the Olympus website for the most up-to-date compatibility information.

Does your computer have a built-in PC card slot?

No

Yes

Use the optional PC card adapter*.

*Not supported by Windows NT4.0 or lower

Consult your nearest Olympus representative.

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